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

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	nAPP2214650299
District RP	
Facility ID	
Application ID	

# **Release Notification**

### **Responsible Party**

Responsible Party EOG Resources, Inc.			OGRID	7377		
Contact Name Jeremy Haass			Contact Te	elephone 575-	748-1471	
Contact email Jeremy_Haass@eogresources.com			Incident #	nAPP2214650	299	
Contact mail	ing address	104 S. 4th Stre	eet, Artesia, NM	88210		
			Location	of Release So	nurce	
Latitude 32.5938416			Longitude _ imal degrees to 5 decin	-104.5696945		
			(NAD 65 in deci			
Site Name O					Site Type Battery	
Date Release	Discovered	5/26/2022		API# <b>30-0</b>	15-26338	
Unit Letter	Section	Township	Range	Coun	nty	]
^	10					
	A 10 20S 24E Eddy					
Surface Owner	Surface Owner: State Federal Tribal Private (Name:)			)		
			Nature and	Volume of I	Release	
	Maria	1( ) D 1	11.4 . 1 . 1 . 1	1 1		
Crude Oil	de Oil Material(s) Released (Select all that apply and attach calcul Volume Released (bbls) Unknown				vered (bbls) 0	
✓ Produced	✓ Produced Water Volume Released (bbls) Unknown			Volume Reco	vered (bbls) 0	
Is the concentration of dissolved chlor produced water >10,000 mg/l?			☑ Yes □ N	0		
Condensate Volume Released (bbls)			Volume Recovered (bbls)			
☐ Natural Gas Volume Released (Mcf)				Volume Reco	vered (Mcf)	
Other (describe) Volume/Weight Released (provide unit		units)	Volume/Weig	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: 8/24/2022 2:33:45 PM State of New Mexico
Page 2 Oil Conservation Division

Page deat and	

Incident ID	NAPP2214650299
District RP	
Facility ID	
Application ID	_

Was this a major release as defined by 19.15.29.7(A) NMAC?  ☐ Yes ☑ No	If YES, for what reason(s) does the respon	sible party consider this a major release?	
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?			
	Initial 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) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation			
has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.			
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.			
Printed Name: 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:	

Received by OCD: 8/24/2022 2:38:45 PM Form C-141 State of New Mexico Oil Conservation Division Page 3

	Page 3eof 250
Incident ID	
District RP	
Facility ID	
Application ID	

# Site Assessment/Characterization

This information must be provided to the appropriate district office no taler man 50 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 X 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 X 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 X No	
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	Yes X 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.

Received by OCD: 8/24/2022 2:33:45 PM State of New Mexico
Page 4 Oil Conservation Division

Page 4cof 250

Incident ID	NAPP2214650299
District RP	
Facility ID	
Application ID	

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

D: 8/24/2022 2:38:45 PM Page 500f 250

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.			
<ul> <li>☑ Detailed description of proposed remediation technique</li> <li>☑ Scaled sitemap with GPS coordinates showing delineation points</li> <li>☑ Estimated volume of material to be remediated</li> <li>☑ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC</li> <li>☑ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)</li> </ul>			
Deferral Requests Only: Each of the following items must be con	firmed 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	n, 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	8/24/22 Date:		
email: jeremy_haass@eogresources.com	Telephone:		
OCD Only			
Received by:Jocelyn Harimon	Date:08/24/2022		
☐ Approved ☐ Approved with Attached Conditions of	Approval		
Signature:	Date:		

Received by OCD: 8/24/2022 2:33:45 PM State of New Mexico
Page 6 Oil Conservation Division

	Page 6eof 250
Incident ID	
District RP	
Facility ID	
Application ID	

# Closure

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

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

A scaled site and sampling diagram as described in 19.15.29.11 NMAC								
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)								
☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)								
☐ Description of remediation activities								
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially neditions that existed prior to the release or their final land use in CD when reclamation and re-vegetation are complete.							
Signature:	Date:							
email:	Telephone:							
OCD Only								
OCD Only  Received by:	Date:							
Received by:  Closure approval by the OCD does not relieve the responsible party	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible							
Received by:  Closure approval by the OCD does not relieve the responsible party remediate contamination that poses a threat to groundwater, surface	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.							

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 111273

### **CONDITIONS**

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267 Midland, TX 79702	Action Number: 111273
·	Action Type:  [C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By		Condition Date
jharimon	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141	5/26/2022



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

**EOG** Resources, Inc.

Remediation Plan

Ocotillo ACI Federal #001

30-015-26338

Unit A, Section 10, T20S, R24E

**Eddy County, New Mexico** 

Incident ID: nAPP2214650299

**August 24, 2022** 



August 24, 2022

### **Table of Contents**

I.	Location.	3						
II.	Backgrou	ınd3						
III.	Surface	e and Ground Water3						
IV.	NMOCD Table I Criteria							
٧.	Site Sta	atus4						
S	ite Delinea	ation4						
С	onfirmatio	n Sampling5						
L	aboratory A	Analytical Results5						
VI.	Remed	liation Plan5						
Ir	-Situ Rem	ediation5						
S	ite Stabiliz	ation and Restoration5						
VII.	Site Clo	osure6						
Арр	endix 1:	Figure 1, Vicinity Map Figure 2, Site Characterization Map Figure 3, Confirmation Sampling Map						
App	endix 2:	Siting Criteria Documentation						
Арр	endix 3:	Table 1, Summary of Soil Analytical Results-Site Characterization Table 2, Summary of Soil Analytical Results – Confirmation Sampling						
App	endix 4:	Laboratory Analytical Results						
Anr	endix 5	Field Notes with Site Photography						



August 24, 2022

### I. Location

The subject well site is identified as the Ocotillo ACI Federal #1 (API: 30-015-26338) and is located within Unit A, Section 10, Township 20 South, Range 24 East, Eddy County, New Mexico. The site location is further described as latitude 32.5938416 and longitude -104.5696945; see **Figure 1**, **Vicinity Map**.

The area subject to remediation is the former tank battery located on the southside of the subject well pad. Driving directions from Artesia, New Mexico are as follows: from the intersection of Highway 285 and Highway 82, travel south approximately 15.7 miles on Highway 285. Turn right (west) on Rock Daisy Road and continue for approximately 10.9 miles. Turn left (south) on Sawbuck Road for approximately 0.5 miles and then turn right, continue for another 0.5 miles, take a final right turn and continue for approximately 0.3 miles.

### II. Background

EOG Resources, Inc. discovered surface staining within the tank battery during the decommission of the subject well site and tanks. Envirotech, Inc. was contracted to assess whether or not the staining comprised a reportable release per New Mexico Oil Conservation Division (NMOCD) regulations. Initial assessment of the visibly stained soil confirmed a reportable release was present and on May 26, 2022, a *Release Notification (Form C-141)* was submitted to the NMOCD District II office for the release of crude oil and produced water. Subsequently the NMOCD issued notice of incident number nAPP2214650299. The volumes released are unknown since the release was discovered during decommissioning activities.

### III. Surface and Ground Water

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 during remediation excavation activities at approximately 8 inches below ground surface (bgs).

The closest groundwater water well, RA-03084, is located 1.06 miles northwest of the former tank battery and is reported to be at 3,754 feet above mean seal level (amsl). The depth to groundwater reported for the water well is 268 feet. The elevation of the tank battery is 3,702 feet amsl; therefore, groundwater is estimated to be greater than 100 feet below ground surface (bgs). The site is also located 2,195 feet west of a tributary to an ephemeral stream (Middle Seven Rivers).

However, the subject site lies within a high karst occurrence area and is confined to the upper 1 foot of the well pad; therefore, the release will be held to the most stringent remediation and reclamation standards. Siting criteria documentation for the subject well site is provided in **Appendix 2, Siting Documentation**.



August 24, 2022

### IV. NMOCD Table I Criteria

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	

### V. Site Status

Site characterization/release delineation activities for petroleum contaminated soil (PCS) were conducted from May 26, 2022 to August 16, 2022, and included delineation by remediation excavation and delineation of an erosional feature leading off the east side of the tank battery.

### Site Characterization/Delineation

Field screening and laboratory confirmation sampling was used to guide the remediation excavation. The excavation began by removing all visibly stained soil in all extents. Excavation refusal was met at approximately 0.67 feet (8 inches) bgs. The lithic bedrock feature is considered to be confining; therefore, delineating the vertical extents of the release.

The horizontal extents were continually field screened, with laboratory confirmation sampling conducted to provide correlation to field screening results, as the excavation progressed. Based on TPH concentrations being reported above the regulatory limits in the base of the excavation, an application of Micro-Blaze® was applied to the bedrock exposed in the excavation footprint. A solution of 30 gallons of Micro-Blaze® to 1,000 gallons of water was applied on August 2, 2022.

Additionally, horizontal delineation test holes were advanced off the eastern boundary of the tank battery (CS-131 through CS-136). All samples collected are representative of the upper 1 foot of the surface, and the lithic feature was encountered in all test holes. Confirmation laboratory samples were collected from each test hole and were analyzed per analytical methods referenced in 19.15.29.12 NMAC. Analytical results are summarized in Figure 2, Site Characterization Map and Appendix 4, Laboratory Analytical Reports.

Based on the site characterization results, it was determined that an additional 35 to 40 cubic yards of soil needed to be excavated, which extended approximately 20 feet past the former eastern berm of the tank battery.



August 24, 2022

### Confirmation Sampling

On August 9, 2022, EOG submitted a sampling notification to NMOCD for confirmation sampling of the entire excavation. The sampling event was conducted on August 16, 2022 and included the collection of 112 five-point composite samples, representing 200 square feet or less. Samples CS-137 through CS-238 and CS-244 through CS-248 were collected from the confining base feature. Samples CS-239 through CS-243 were collected from the perimeter of the remediation excavation.

All soil samples collected for laboratory analysis, were placed into an individual laboratory provided 2-ounce jar, capped head space free, and transported on ice to Envirotech Analytical Laboratory under strict chain of custody. The soil sample locations are illustrated in **Figure 3**, **Confirmation Sampling Map**, **Table 1**, **Summary of Soil Analytical Results**, and in **Appendix 5**, **Site Photography**.

### Laboratory Analytical Results

The laboratory analytical results indicate the horizontal perimeter has been defined in all directions. All perimeter samples reported concentrations of benzene, BTEX, and TPH below laboratory detection limits, and chloride ranged from <20.0 mg/kg to 436 mg/kg in the northwest perimeter sample.

Four (4) base samples, CS-157, CS-215, CS-221 and CS-222, reported concentrations of TPH and chloride above regulatory limits. The remaining cells were either above regulatory limits for TPH only or below regulatory limits for all contaminants of concern; **Figure 3** illustrates the sections of the base remaining above regulatory limits.

### VI. Remediation Plan

To successfully mitigate petroleum hydrocarbon and chloride contaminants, and to protect public health and the environment, EOG proposes the following remediation plan:

### In-Situ Remediation

Micro-Blaze® will be applied to the confining bedrock of the excavation as a ratio of 30 gallons to 1,000 gallons of water. A subsequent sampling event will be conducted under purview of a 48-hour notice to NMOCD and will occur approximately 30 days after the application of the insitu remediation solution. Based on laboratory analytical results, if warranted, theMicro-Blaze® application will continue to the areas of the excavation with sample results above regulatory standards. This will be an iterative process until representative samples are below the regulatory limits defined in 19.15.29.12 NMAC and 19.15.29.13 NMAC.

### Site Stabilization and Restoration

Once laboratory analytical results indicate concentrations of TPH, benzene, total BTEX, and chloride are below *Table 1* criteria, the site will be backfilled with non-impacted soil up to one (1) foot bgs.



August 24, 2022

### VII. Site Closure

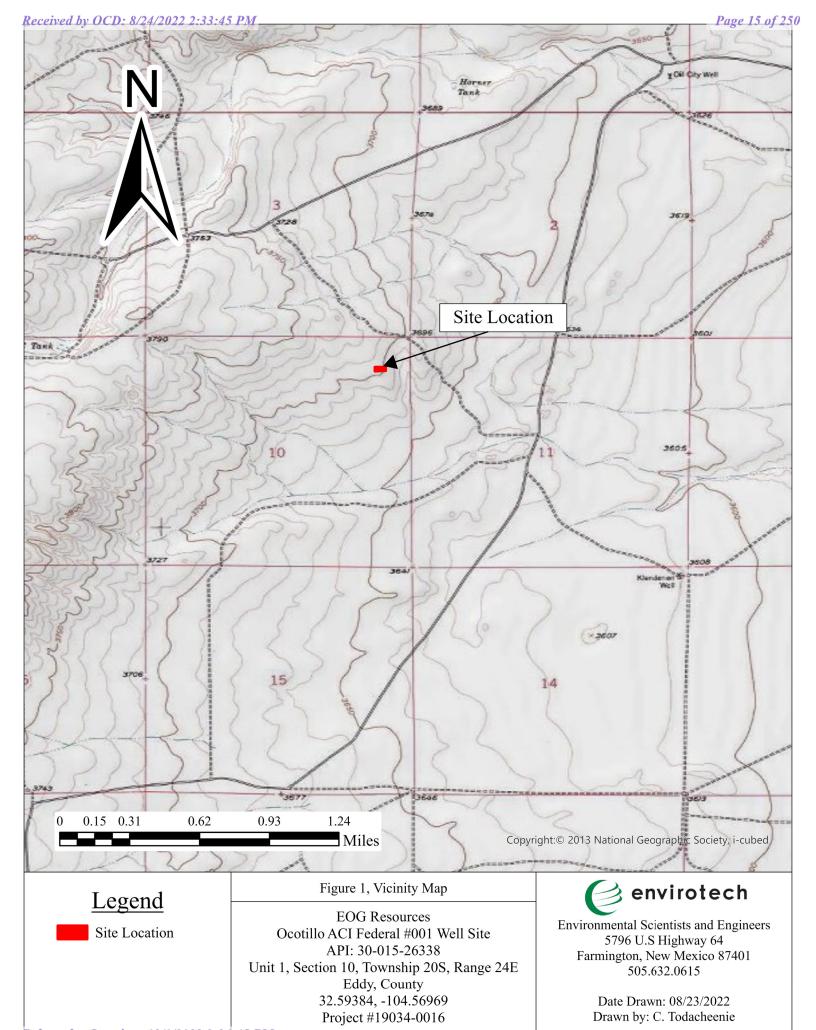
EOG Resources, Inc. will submit a Form C-141/Closure to the NMOCD, including the Closure Report Attachment Checklist. Subsequent of remediation activities, the site will be reclaimed in accordance with 19.15.29.13 NMAC.



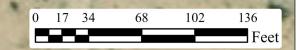
August 24, 2022

### Appendix 1

Figure 1, Vicinity Map
Figure 2, Site Characterization Map
Figure 3, Confirmation Sampling Map



Comple Name	Date	Sample	EPA Method 8015			EPA Me	thod 8021	EPA Method 300.0	
Sample Name		Description	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)	
NMOCD Release Closure Criteria (Table 1 - 19.15.29.12 NMAC)			100 mg/kg		10 mg/kg	50 mg/kg	600 mg/kg		
CS-131		E, Wall Test Pit	<20.0	386	<500	< 0.0250	< 0.100	23.5	
CS-132	1	E. Wall Test Pit	<20.0	188	<250	< 0.0250	< 0.100	20.5	
CS-133	8/2/2022	N. Test Pit Runoff	<20.0	<25.0	<50.0	< 0.0250	< 0.100	<20.0	
CS-134	0/2/2022	E. Test Pit Runoff	<20.0	29.3	54.1	< 0.0250	< 0.100	<20.0	
CS-135	To the state of th	S. Test Pit Runoff	<20.0	<25.0	<50.0	< 0.0250	< 0.100	30.7	
CS-136	2 2	End of Runoff Path	<20.0	<25.0	<50.0	<0.0250	< 0.100	<20.0	



# Legend

Excavation Perimeter

Additional PCS Excavation

Site Characterization

### Figure 2, Site Characterization

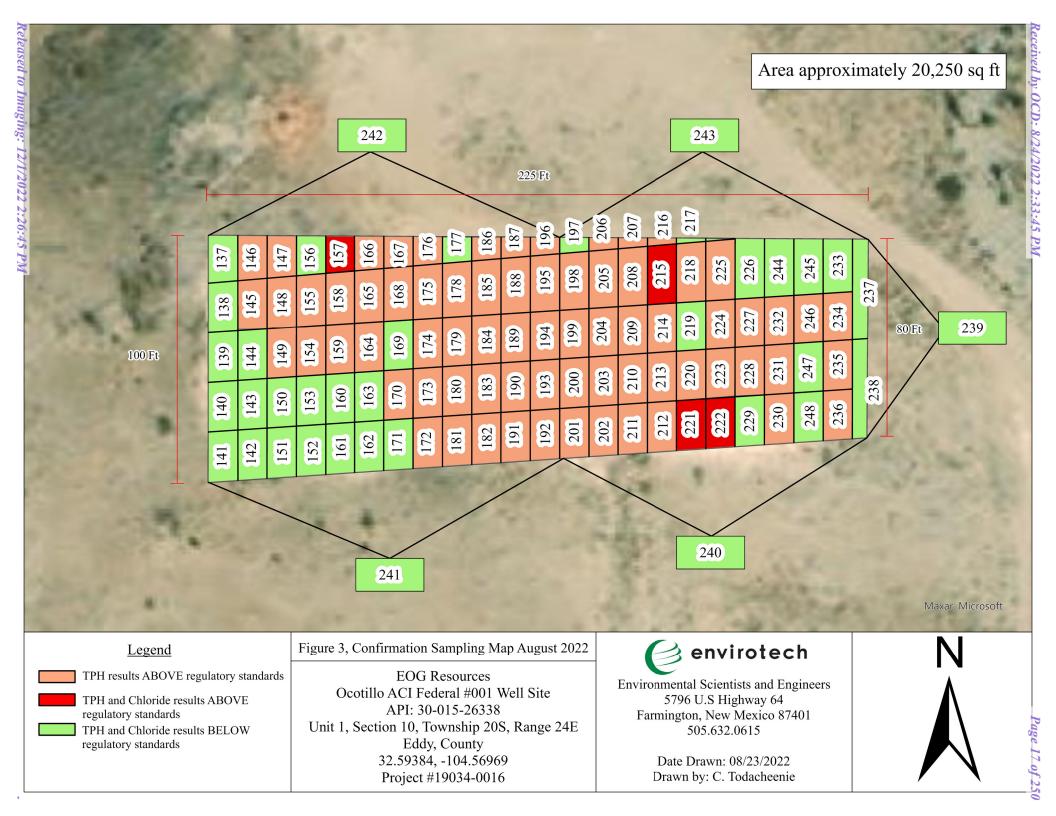
EOG Resources
Ocotillo ACI Federal #001 Well Site
API: 30-015-26338
Unit A, Section 10, Township 10S, Range 44E
32.59384, -104.56969
Project #19034-0016



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

> Date Drawn: 08/15/2022 Drawn by: C. Todacheenie







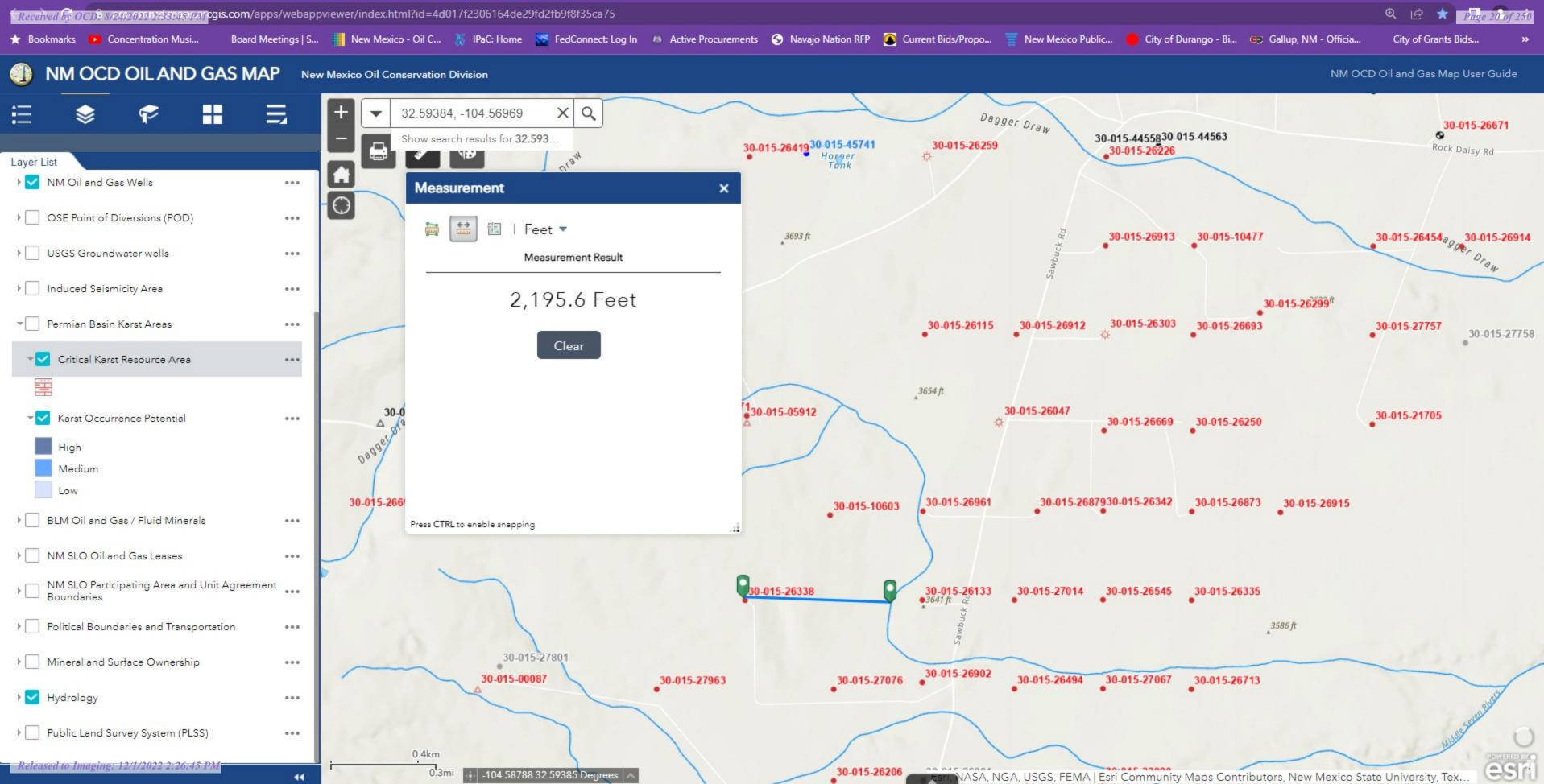
August 24, 2022

### Appendix 2

**Siting Criteria Documentation** 

Site Name:	Ocotilla ACI Fed	deral #001				
<b>API #:</b> 30-015-26338						
Lat/Long: 32.59384, -104.56969						
	Unit A Sec 10 T2					
Land Jurisdiction:		.02 112 .2				
County:						
·	Eddy					
Wellhead Protection Area Assessment						
Water Source Type						
(well/spring/stock pond)	ID	Latitude	Longitude	Distance		
Distance to Nearest Significant Watercourse						
Over 2,000 ft to watercourse - tributary of Midd	lle Seven Rivers					
Depth to Groundwater Determination						
Cathodic Report/Site Specific Hydrogeology						
Elevation Differential	Site is 52 ft lower elevat	ion than water we	11.			
Water Wells	RA-03084 1.06 n	ni northwest o	of site; DTW	= 268 ft		
Sensitive Receptor Determination						
<300' of any continuously flowing watercourse	or any other signif	icant waterco	ourse	No		
<200' of any lakebed, sinkhole or playa lake (mo	easured from the C	Ordinary High	n Water	No		
<300' of an occupied permanent residence, scho	ol, hospital, institu	ution or churc	ch	No		
<500' of a spring or private/domestic water well	used by <5 house	holds for don	nestic or			
stock watering purposes				No		
<1000' of any water well or spring				No		
Within incorporated municipal boundaries or w	ithin a defined mu	nicipal fresh	water well	No		
<300' of a wetland				No		
Within the area overlying a subsurface mine				No		
Within an unstable area - high karst occurrence				Yes No		
	Within a 100-year floodplain					
DTW Determination		50-100	>100			
Benzene	10	10	10			
BTEX (mg/kg)		50	50			
8015 TPH (GRO/DRO) (mg/kg)		1,000	1,000			
8015 TPH (GRO/DRO/MRO) (mg/kg)		2,500	2,500			
Chlorides (mg/kg)	600	10,000	20,000			





# Water Rights Database Submit Meter Reading Drought Map COVID-19 Info Map Tutorial



Measurement

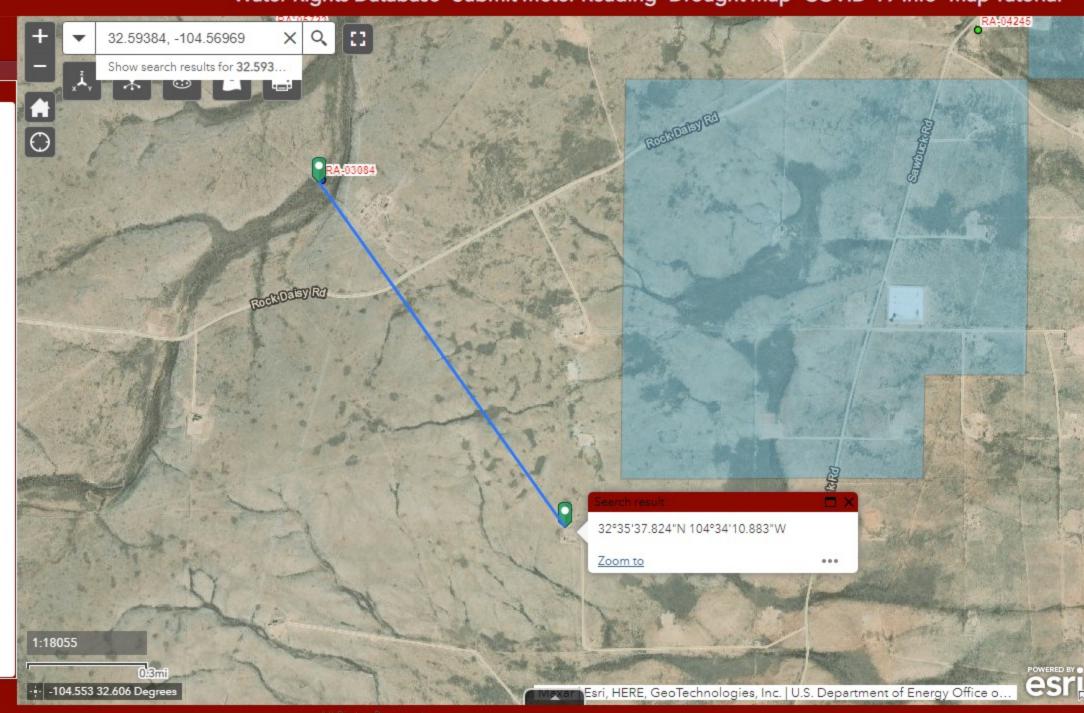
| Miles ▼

Measurement Result

1.06 Miles

Clear

Press CTRL to enable snapping



Received by OCD: 8/24/2022 2:33:45 PM Page 22 of 250

# 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.

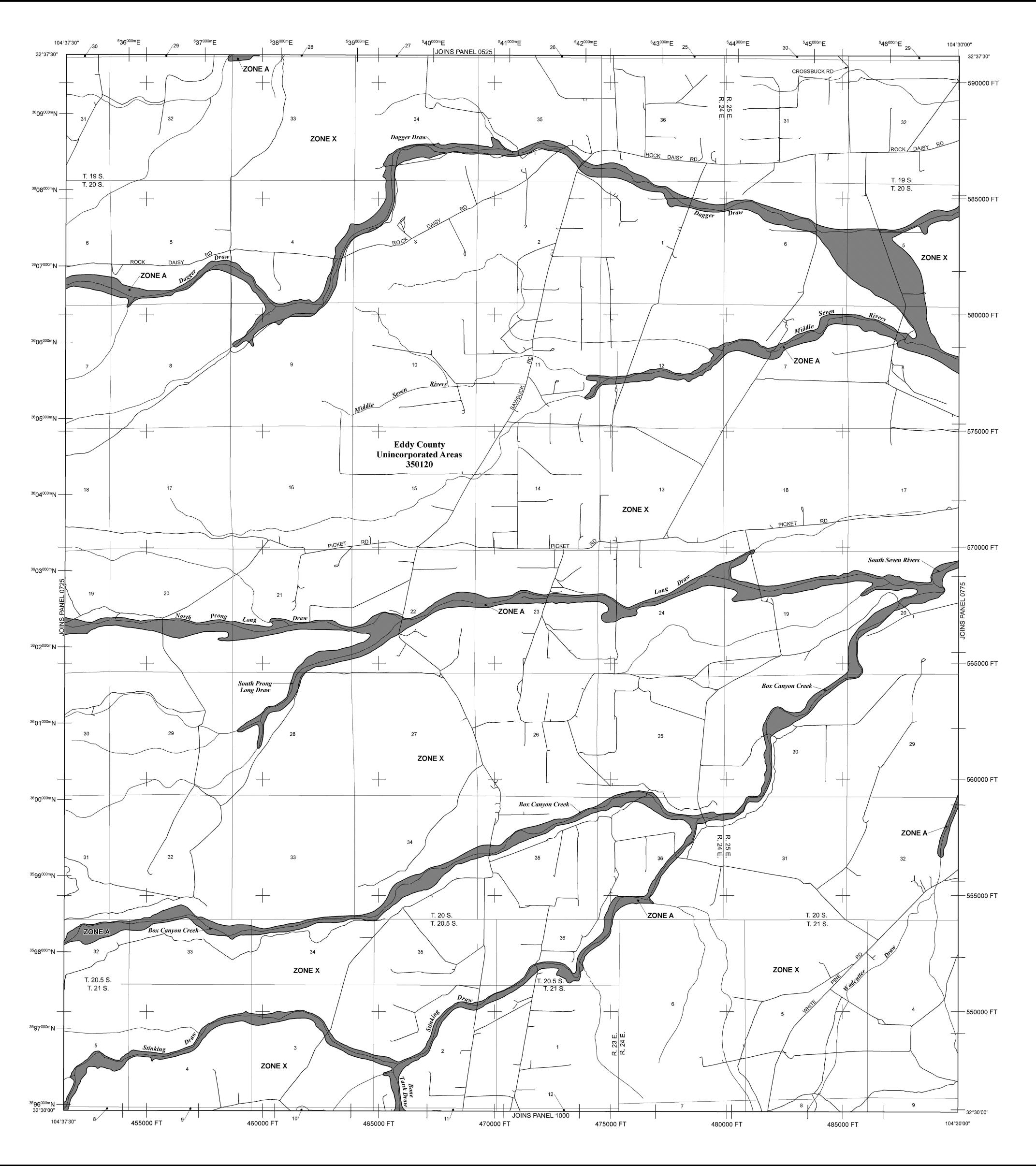
This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result,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

Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations

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 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 M1.5 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"

**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

PANEL 0750D



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

Federal Emergency Management Agency

Released to Imaging: 12/1/2022 2:26:45 PM



### MAP LEGEND

â

00

Δ

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

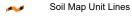
Aerial Photography

#### 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

Candfill

Lava Flow

Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

+ 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

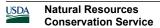
Frequency of flooding: None Frequency of ponding: None

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

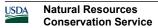
### **Minor Components**

#### **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



August 24, 2022

# Appendix 3 Table 1, Summary of Soil Analytical Results- Site Characterization Table 2, Summary of Soil Analytical Results - Confirmation Sampling

Table 1, Summary of Soil Analytical Results

EOG Resources
Site Characterization - August 2, 2022
Ocotillo ACI Federal #001; API: 30-015-26338
Unit A, Section 10, Township 10S, Range 44E
Eddy County, New Mexico
Project #19034-0016

| O-marks Nomes                                              | Date     | Sample Description | EPA Method 8015 |                |                | EPA Met            | hod 8021           | EPA Method 300.0     |
|------------------------------------------------------------|----------|--------------------|-----------------|----------------|----------------|--------------------|--------------------|----------------------|
| Sample Name                                                |          |                    | GRO<br>(mg/kg)  | DRO<br>(mg/kg) | ORO<br>(mg/kg) | Benzene<br>(mg/kg) | Total BTEX (mg/kg) | Chlorides<br>(mg/kg) |
| NMOCD Reclamation Criteria<br>(Table 1 - 19.15.29.13 NMAC) |          | 100 mg/kg          |                 |                | 10 mg/kg       | 50 mg/kg           | 600 mg/kg          |                      |
| CS-131                                                     |          | E, Wall Test Pit   | <20.0           | 386            | <500           | <0.0250            | <0.100             | 23.5                 |
| CS-132                                                     | ]        | E. Wall Test Pit   | <20.0           | 188            | <250           | <0.0250            | <0.100             | 20.5                 |
| CS-133                                                     | 8/2/2022 | N. Test Pit Runoff | <20.0           | <25.0          | <50.0          | <0.0250            | <0.100             | <20.0                |
| CS-134                                                     | 01212022 | E. Test Pit Runoff | <20.0           | 29.3           | 54.1           | <0.0250            | <0.100             | <20.0                |
| CS-135                                                     |          | S. Test Pit Runoff | <20.0           | <25.0          | <50.0          | <0.0250            | <0.100             | 30.7                 |
| CS-136                                                     |          | End of Runoff Path | <20.0           | <25.0          | <50.0          | <0.0250            | <0.100             | <20.0                |

BOLD - above closure criteria

Base is approximately 0.67 ft bgs



Table 2, Summary of Soil Analytical Results
EOG Resources
Confirmation Sampling August 16, 2022
Ocotillo ACI Federal #001; API: 30-015-26338
Unit A, Section 10, Township 10S, Range 44E
Eddy County, New Mexico
Project #19034-0016

| Pamala Na        | Dat-      | Sample Description          | EP             | A Method 80       | )15                  | EPA Met            | thod 8021          | EPA Method 30        |
|------------------|-----------|-----------------------------|----------------|-------------------|----------------------|--------------------|--------------------|----------------------|
| Sample Name      | Date      | Sample Description          | GRO<br>(mg/kg) | DRO<br>(mg/kg)    | ORO<br>(mg/kg)       | Benzene<br>(mg/kg) | Total BTEX (mg/kg) | Chlorides<br>(mg/kg) |
|                  |           | elease Closure Criteria     | ,ara)          | 100 mg/kg         | ,                    | 10 mg/kg           | 50 mg/kg           | 600 mg/kg            |
| CS-137           | (Table 1  | - 19.15.29.12 NMAC)<br>Base | <20.0          | 32.5              | <50.0                | <0.0250            | <0.100             | 47.6                 |
| CS-138           |           | Base                        | <20.0          | 38.1              | 50.2                 | <0.0250            | <0.100             | 27.4                 |
| CS-139           | 1         | Base                        | <20.0          | 35.5              | <50.0                | <0.0250            | <0.100             | 140                  |
| CS-140           |           | Base                        | <20.0          | 39.9              | <50.0                | <0.0250            | <0.100             | 21.1                 |
| CS-141           | -         | Base                        | <20.0          | 39.2              | <50.0                | <0.0250            | <0.100             | <20.0                |
| CS-142           |           | Base                        | <20.0          | <25.0             | <50.0                | <0.0250            | <0.100             | <20.0                |
| CS-143           | 1         | Base                        | <20.0          | 33.5              | <50.0                | <0.0250            | <0.100             | 46.2                 |
| CS-144           | -         | Base                        | <20.0          | 31.5              | <50.0                | <0.0250            | <0.100             | 133                  |
| CS-145           |           | Base                        | <20.0          | 188               | 188                  | <0.0250            | <0.100             | 26.2                 |
| CS-146           | 1         | Base                        | <20.0          | 75.3              | 84.6                 | <0.0250            | <0.100             | 20.3                 |
| CS-147           | 1         | Base                        | <20.0          | 99.6              | 109                  | <0.0250            | <0.100             | 26.5                 |
| CS-148           |           | Base                        | <20.0          | 248               | 257                  | <0.0250            | <0.100             | 27.2                 |
| CS-149           | -         | Base                        | <20.0          | 95.2              | <b>98.9</b>          | <0.0250            | <0.100             | 43.3                 |
| CS-150           |           | Base                        | <20.0          | 25.2              | <50.0                | <0.0250            | <0.100             | 48.6                 |
| CS-151           |           | Base                        | <20.0          | <25.0             | <50.0                | <0.0250            | <0.100             | 317                  |
| CS-152           | -         | Base                        | <20.0          | <25.0             | <50.0                | <0.0250            | <0.100             | 108                  |
| CS-153           |           | Base                        | <20.0          | 26.7              | <50.0                | <0.0250            | <0.100             | 68                   |
| CS-154           | -         | Base                        | <20.0          | 175               | 169                  | <0.0250            | <0.100             | <20.0                |
| CS-155           |           | Base                        | <20.0          | 229               | 230                  | <0.0250            | <0.100             | 134                  |
| CS-156           | 1         | Base                        | <20.0          | 38.2              | 58.2                 | <0.0250            | <0.100             | 91.3                 |
| CS-157           | +         | Base                        | <20.0          | 106               | 139                  | <0.0250            | <0.100             | 908                  |
| CS-158           |           | Base                        | <20.0          | 201               | 239                  | <0.0250            | <0.100             | 32.9                 |
| CS-159           |           | Base                        | <20.0          | 127               | 143                  | <0.0250            | <0.100             | <20.0                |
| CS-160           | 1         | Base                        | <20.0          | <25.0             | <50.0                | <0.0250            | <0.100             | 29.1                 |
| CS-161           |           | Base                        | <20.0          | <25.0             | <50.0                | <0.0250            | <0.100             | 67.9                 |
| CS-162           | 4         | Base                        | <20.0          | <25.0             | <50.0                | <0.0250            | <0.100             | 62.5                 |
| CS-163           |           | Base                        | <20.0          | 40.9              | 57.0                 | <0.0250            | <0.100             | 22.5                 |
| CS-164           |           | Base                        | <20.0          | 112               | 142                  | <0.0250            | <0.100             | <20.0                |
| CS-165           | -         | Base                        | <20.0          | 194               | 237                  | <0.0250            | <0.100             | 36                   |
| CS-166           |           | Base                        | <20.0          | 108               | 131                  | <0.0250            | <0.100             | 192                  |
| CS-167           |           | Base                        | <20.0          | 64.1              | 78.3                 | <0.0250            | <0.100             | 90.6                 |
| CS-168<br>CS-169 | 1         | Base<br>Base                | <20.0<br><20.0 | 158<br><25.0      | <b>178</b> <50.0     | <0.0250<br><0.0250 | <0.100<br><0.100   | 20.3<br><20.0        |
| CS-170<br>CS-171 | -         | Base<br>Base                | <20.0<br><20.0 | <b>50.5</b> <25.0 | <b>99.5</b> <50.0    | <0.0250<br><0.0250 | <0.100<br><0.100   | <20.0<br>78.4        |
| CS-172           | 1         | Base                        | <20.0          | 52.1              | 68.5                 | <0.0250            | <0.100             | 114                  |
| CS-173           | 1         | Base                        | <20.0          | 143               | 188                  | <0.0250            | <0.100             | 20.4                 |
| CS-174           |           | Base                        | <20.0          | 243               | 288                  | <0.0250            | <0.100             | <20.0                |
| CS-175           |           | Base                        | <20.0          | 382               | 452                  | <0.0250            | <0.100             | 49.3                 |
| CS-176           |           | Base                        | <20.0          | 62.2              | 95.3                 | <0.0250            | <0.100             | 294                  |
| CS-177           | 1         | Base                        | <20.0          | <25.0             | <50.0                | <0.0250            | <0.100             | 21.8                 |
| CS-178           | -         | Base                        | <20.0          | 397               | 672                  | <0.0250            | <0.100             | 26.3                 |
| CS-179           |           | Base                        | <20.0          | 341               | 265                  | <0.0250            | <0.100             | <20.0                |
| CS-180           |           | Base                        | <20.0          | 68.1              | 71.9                 | <0.0250            | <0.100             | <20.0                |
| CS-181           | 1         | Base                        | <20.0          | 75.0              | 145                  | <0.0250            | <0.100             | 142                  |
| CS-182           |           | Base                        | <20.0          | 56.2              | 116                  | <0.0250            | <0.100             | 48.4                 |
| CS-183           | -         | Base                        | <20.0          | 112               | 233                  | <0.0250            | <0.100             | <20.0                |
| CS-184           |           | Base                        | <20.0          | 554               | 944                  | <0.0250            | <0.100             | <20.0                |
| CS-185           |           | Base                        | <20.0          | 658               | 1100                 | <0.0250            | <0.100             | 63.3                 |
| CS-186           | 1         | Base                        | <20.0          | 48.1              | 124                  | <0.0250            | <0.100             | 116                  |
| CS-187           |           | Base                        | <20.0          | 28.7              | 250                  | <0.0250            | <0.100             | 250                  |
| CS-188           | 1         | Base                        | <20.0          | 465               | 799                  | <0.0250            | <0.100<br><0.100   | 112                  |
| CS-189<br>CS-190 | 1         | Base<br>Base                | <20.0<br><20.0 | 372<br>114        | 694<br>145           | <0.0250<br><0.0250 | <0.100             | <20.0<br><20.0       |
| CS-191           |           | Base                        | <20.0          | 46.8              | 80.3                 | <0.0250            | <0.100             | <20.0                |
| CS-192           |           | Base                        | <20.0          | 41.5              | 68.4                 | <0.0250            | <0.100             | 80.6                 |
| CS-193           | 8/16/2022 | Base                        | <20.0          | 93.4              | 114                  | <0.0250            | <0.100             | <20.0                |
| CS-194           | 1         | Base                        | <20.0          | 230               | 267                  | <0.0250            | <0.100             | <20.0                |
| CS-195           |           | Base                        | <20.0          | 251               | 290                  | <0.0250            | <0.100             | 32.2                 |
| CS-196           | 4         | Base                        | <20.0          | <b>39.0</b>       | <b>64.3</b>          | <0.0250            | <0.100             | 280                  |
| CS-197           |           | Base                        | <20.0          | 35.1              | 62.4                 | <0.0250            | <0.100             | 207                  |
| CS-198           |           | Base                        | <20.0          | 153               | 310                  | <0.0250            | <0.100             | 90.0                 |
| CS-199           | 1         | Base                        | <20.0          | 73.6              | 162                  | <0.0250            | <0.100             | 113                  |
| CS-200           |           | Base                        | <20.0          | 124               | 284                  | <0.0250            | <0.100             | 152                  |
| CS-201           | -         | Base                        | <20.0          | 51.1              | 145                  | <0.0250            | <0.100             | 165                  |
| CS-202           |           | Base                        | <20.0          | 59.6              | 147                  | <0.0250            | <0.100             | 143                  |
| CS-203           | 1         | Base                        | <20.0          | 109               | 267                  | <0.0250            | <0.100             | 186                  |
| CS-204           | -         | Base                        | <20.0          | 74.2              | 178                  | <0.0250            | <0.100             | 147                  |
| CS-205           |           | Base                        | <20.0          | 95.1              | 201                  | <0.0250            | <0.100             | 491                  |
| CS-206           |           | Base                        | <20.0          | 96.2              | 207                  | <0.0250            | <0.100             | 199                  |
| CS-207           | 1         | Base                        | <20.0          | 53.8              | 122                  | <0.0250            | <0.100             | 420                  |
| CS-208           |           | Base                        | <20.0          | 41.4              | 97.5                 | <0.0250            | <0.100             | 475                  |
| CS-209           | -         | Base                        | <20.0          | 49.5              | 66.4                 | <0.0250            | <0.100             | 345                  |
| CS-210           |           | Base                        | <20.0          | 95.3              | 140                  | <0.0250            | <0.100             | 62.2                 |
| CS-211           |           | Base                        | <20.0          | 120               | 174                  | <0.0250            | <0.100             | 351                  |
| CS-212           | -         | Base                        | <20.0          | 55.6              | 77.9                 | <0.0250            | <0.100             | 574                  |
| CS-213           |           | Base                        | <20.0          | 116               | 184                  | <0.0250            | <0.100             | 222                  |
| CS-214           | -         | Base                        | <20.0          | 59.8              | 88.3                 | <0.0250            | <0.100             | 39.0                 |
| CS-215           |           | Base                        | <20.0          | 61.7              | 99.7                 | <0.0250            | <0.100             | 1,040                |
| CS-216           | 1         | Base                        | <20.0          | 85.6              | 107                  | <0.0250            | <0.100             | 505                  |
| CS-217           | -         | Base                        | <20.0          | 38.5              | 50.6                 | <0.0250            | <0.100             | 283                  |
| CS-218           |           | Base                        | <20.0          | 104               | 137                  | <0.0250            | <0.100             | 181                  |
| CS-219           | 1         | Base                        | <20.0          | 40.3              | 58.0                 | <0.0250            | <0.100             | 86.1                 |
| CS-220           | 1         | Base                        | <20.0          | 117               | 162                  | <0.0250            | <0.100             | 24.3                 |
| CS-221           |           | Base                        | <20.0          | 114               | 160                  | <0.0250            | <0.100             | 644                  |
| CS-222           | 4         | Base                        | <20.0          | 102               | 147                  | <0.0250            | <0.100             | 1,140                |
| CS-223           |           | Base                        | <20.0          | 105               | 173                  | <0.0250            | <0.100             | 28.4                 |
| CS-224           |           | Base                        | <20.0          | 55.8              | 88.6                 | <0.0250            | <0.100             | 87.4                 |
| CS-225<br>CS-226 | +         | Base<br>Base                | <20.0<br><20.0 | <b>80.1</b> <25.0 | <b>116</b> <50.0     | <0.0250<br><0.0250 | <0.100<br><0.100   | 205<br>224           |
| CS-227           | 1         | Base                        | <20.0          | 49.7              | 87.9                 | <0.0250            | <0.100             | 104                  |
| CS-228           | 1         | Base                        | <20.0          | <b>120</b>        | <b>177</b>           | <0.0250            | <0.100             | 39.3                 |
| CS-229           |           | Base                        | <20.0          | 30.3              | 63.1                 | <0.0250            | <0.100             | 326                  |
| CS-230           | -         | Base                        | <20.0          | 68.4              | 135                  | <0.0250            | <0.100             | <20.0                |
| CS-231           |           | Base                        | <20.0          | 119               | 264                  | <0.0250            | <0.100             | <20.0                |
| CS-232           | 1         | Base                        | <20.0          | 85.1              | 116.0                | <0.0250            | <0.100             | <20.0                |
| CS-233           | 1         | Base                        | <20.0          | <25.0             | <50.0                | <0.0250            | <0.100             | <20.0                |
| CS-234           |           | Base                        | <20.0          | 44.4              | <b>59.3</b>          | <0.0250            | <0.100             | <20.0                |
| CS-235           |           | Base                        | <20.0          | 174.0             | 245                  | <0.0250            | <0.100             | <20.0                |
| CS-236           | 1         | Base                        | <20.0          | <b>40.3</b>       | <b>66.6</b>          | <0.0250            | <0.100             | <20.0                |
| CS-237           |           | Base                        | <20.0          | 35.5              | 51.6                 | <0.0250            | <0.100             | <20.0                |
| CS-238           | -         | Base                        | <20.0          | <25.0             | <50.0                | <0.0250            | <0.100             | <20.0                |
| CS-239           |           | East Perimeter              | <20.0          | <25.0             | <50.0                | <0.0250            | <0.100             | <20.0                |
| CS-240           | 1         | SE Perimeter                | <20.0          | <25.0             | <50.0                | <0.0250            | <0.100             | 245                  |
| CS-241           | -         | SW Perimeter                | <20.0          | <25.0             | <50.0                | <0.0250            | <0.100             | <20.0                |
| CS-242           |           | NW Perimeter                | <20.0          | <25.0             | <50.0                | <0.0250            | <0.100             | 436                  |
| CS-243           |           | NE Perimeter                | <20.0          | 25.9              | <50.0                | <0.0250            | <0.100             | 233                  |
| CS-244           | 1         | Base                        | <20.0          | <25.0             | <50.0                | <0.0250            | <0.100             | 76.8                 |
| CS-245           |           | Base                        | <20.0          | <25.0             | 56.0                 | <0.0250            | <0.100             | <20.0                |
| CS-246           | 1         | Base<br>Base                | <20.0<br><20.0 | <b>45.2</b> <25.0 | <b>69.4</b><br><50.0 | <0.0250<br><0.0250 | <0.100<br><0.100   | <20.0<br><20.0       |
| CS-247           |           |                             |                |                   |                      |                    |                    |                      |

BOLD - above closure criteria
Base is approximately 0.67 ft bgs





August 24, 2022

### Appendix 4

**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: Ocotilla ACI Federal #1

Work Order: E208055

Job Number: 19034-0016

Received: 8/5/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/12/22

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: 8/12/22

Greg Crabtree 104 South 4th Street Artesia, NM 88210

Project Name: Ocotilla ACI Federal #1

Workorder: E208055

Date Received: 8/5/2022 2:54:00PM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/5/2022 2:54:00PM, under the Project Name: Ocotilla ACI Federal #1.

The analytical test results summarized in this report with the Project Name: Ocotilla 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

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

Rayny Hagan Technical Representative

West Texas Midland/Odessa Area

Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

# Table of Contents

| Title Page                                          | 1  |
|-----------------------------------------------------|----|
| Cover Page                                          | 2  |
| Table of Contents                                   | 3  |
| Sample Summary                                      | 4  |
| Sample Data                                         | 5  |
| CS-131                                              | 5  |
| CS-132                                              | 6  |
| CS-133                                              | 7  |
| CS-134                                              | 8  |
| CS-135                                              | 9  |
| CS-136                                              | 10 |
| QC Summary Data                                     | 11 |
| QC - Volatile Organics by EPA 8021B                 | 11 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO     | 12 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 13 |
| QC - Anions by EPA 300.0/9056A                      | 14 |
| Definitions and Notes                               | 15 |
| Chain of Custody etc.                               | 16 |

# Sample Summary

| EOG Resources        | Project Name:    | Ocotilla ACI Federal #1 | Donoutoda      |
|----------------------|------------------|-------------------------|----------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:      |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 08/12/22 13:27 |

| Client Sample ID | Lab Sample ID M | Iatrix | Sampled  | Received | Container        |
|------------------|-----------------|--------|----------|----------|------------------|
| CS-131           | E208055-01A     | Soil   | 08/02/22 | 08/05/22 | Glass Jar, 4 oz. |
| CS-132           | E208055-02A     | Soil   | 08/02/22 | 08/05/22 | Glass Jar, 4 oz. |
| CS-133           | E208055-03A     | Soil   | 08/02/22 | 08/05/22 | Glass Jar, 4 oz. |
| CS-134           | E208055-04A     | Soil   | 08/02/22 | 08/05/22 | Glass Jar, 4 oz. |
| CS-135           | E208055-05A     | Soil   | 08/02/22 | 08/05/22 | Glass Jar, 4 oz. |
| CS-136           | E208055-06A     | Soil   | 08/02/22 | 08/05/22 | Glass Jar, 4 oz. |



| EOG Resources        | Project Name:    | Ocotilla ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/12/2022 1:27:39PM |

### CS-131

| E208055-01                                     |        |           |          |          |          |                |
|------------------------------------------------|--------|-----------|----------|----------|----------|----------------|
|                                                |        | Reporting |          |          |          |                |
| Analyte                                        | Result | Limit     | Dilution | Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Analy    | yst: RKS |          | Batch: 2233037 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/09/22 | 08/11/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/09/22 | 08/11/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/09/22 | 08/11/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/09/22 | 08/11/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/09/22 | 08/11/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/09/22 | 08/11/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 95.7 %    | 70-130   | 08/09/22 | 08/11/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Analy    | yst: RKS |          | Batch: 2233037 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/09/22 | 08/11/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 91.0 %    | 70-130   | 08/09/22 | 08/11/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Analy    | yst: JL  |          | Batch: 2233036 |
| Diesel Range Organics (C10-C28)                | 386    | 250       | 10       | 08/09/22 | 08/09/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 500       | 10       | 08/09/22 | 08/09/22 |                |
| Surrogate: n-Nonane                            |        | 145 %     | 50-200   | 08/09/22 | 08/09/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Analy    | yst: KL  |          | Batch: 2233053 |
| Chloride                                       | 23.5   | 20.0      | 1        | 08/10/22 | 08/10/22 |                |



| EOG Resources        | Project Name:    | Ocotilla ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/12/2022 1:27:39PM |

### **CS-132**

|                                                |        | ъ .:      |              |            |          |                |
|------------------------------------------------|--------|-----------|--------------|------------|----------|----------------|
|                                                | D 1:   | Reporting | D.1          | ъ .        |          | NT .           |
| Analyte                                        | Result | Limit     | Dilution     | n Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Ana          | alyst: RKS |          | Batch: 2233037 |
| Benzene                                        | ND     | 0.0250    | 1            | 08/09/22   | 08/11/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1            | 08/09/22   | 08/11/22 |                |
| Toluene                                        | ND     | 0.0250    | 1            | 08/09/22   | 08/11/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1            | 08/09/22   | 08/11/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1            | 08/09/22   | 08/11/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1            | 08/09/22   | 08/11/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 95.9 %    | 70-130       | 08/09/22   | 08/11/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Analyst: RKS |            |          | Batch: 2233037 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1            | 08/09/22   | 08/11/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 90.0 %    | 70-130       | 08/09/22   | 08/11/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Ana          | alyst: JL  |          | Batch: 2233036 |
| Diesel Range Organics (C10-C28)                | 188    | 125       | 5            | 08/09/22   | 08/10/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 250       | 5            | 08/09/22   | 08/10/22 |                |
| Surrogate: n-Nonane                            |        | 116 %     | 50-200       | 08/09/22   | 08/10/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Ana          | alyst: KL  |          | Batch: 2233053 |
|                                                |        | ·         |              |            | 08/10/22 | •              |



| EOG Resources        | Project Name:    | Ocotilla ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/12/2022 1:27:39PM |

### CS-133

|        | ъ.                                     |                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        |                                        |                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Result | Limit                                  | Dilution                                                                                                                                                                                                                                                                                                                               | n Prepared                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Analyzed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Notes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| mg/kg  | mg/kg                                  | Ana                                                                                                                                                                                                                                                                                                                                    | alyst: RKS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Batch: 2233037                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| ND     | 0.0250                                 | 1                                                                                                                                                                                                                                                                                                                                      | 08/09/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 08/11/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ND     | 0.0250                                 | 1                                                                                                                                                                                                                                                                                                                                      | 08/09/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 08/11/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ND     | 0.0250                                 | 1                                                                                                                                                                                                                                                                                                                                      | 08/09/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 08/11/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ND     | 0.0250                                 | 1                                                                                                                                                                                                                                                                                                                                      | 08/09/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 08/11/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ND     | 0.0500                                 | 1                                                                                                                                                                                                                                                                                                                                      | 08/09/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 08/11/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ND     | 0.0250                                 | 1                                                                                                                                                                                                                                                                                                                                      | 08/09/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 08/11/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|        | 97.7 %                                 | 70-130                                                                                                                                                                                                                                                                                                                                 | 08/09/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 08/11/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| mg/kg  | mg/kg                                  | Ana                                                                                                                                                                                                                                                                                                                                    | Analyst: RKS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Batch: 2233037                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| ND     | 20.0                                   | 1                                                                                                                                                                                                                                                                                                                                      | 08/09/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 08/11/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|        | 92.5 %                                 | 70-130                                                                                                                                                                                                                                                                                                                                 | 08/09/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 08/11/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| mg/kg  | mg/kg                                  | Ana                                                                                                                                                                                                                                                                                                                                    | ılyst: JL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Batch: 2233036                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| ND     | 25.0                                   | 1                                                                                                                                                                                                                                                                                                                                      | 08/09/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 08/10/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ND     | 50.0                                   | 1                                                                                                                                                                                                                                                                                                                                      | 08/09/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 08/10/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|        | 113 %                                  | 50-200                                                                                                                                                                                                                                                                                                                                 | 08/09/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 08/10/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|        |                                        |                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| mg/kg  | mg/kg                                  | Ana                                                                                                                                                                                                                                                                                                                                    | alyst: KL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Batch: 2233053                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|        | 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           ND         20.0           92.5 %         mg/kg           ND         25.0           ND         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           MD         0.0250         1           97.7%         70-130           mg/kg         mg/kg         Ana           ND         20.0         1           mg/kg         mg/kg         Ana           ND         25.0         1           ND         50.0         1 | Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         08/09/22           ND         0.0250         1         08/09/22           ND         0.0250         1         08/09/22           ND         0.0250         1         08/09/22           ND         0.0500         1         08/09/22           ND         0.0250         1         08/09/22           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         08/09/22           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         08/09/22           ND         25.0         1         08/09/22           ND         50.0         1         08/09/22 | Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         08/09/22         08/11/22           ND         0.0250         1         08/09/22         08/11/22           ND         0.0250         1         08/09/22         08/11/22           ND         0.0500         1         08/09/22         08/11/22           ND         0.0250         1         08/09/22         08/11/22           ND         0.0250         1         08/09/22         08/11/22           MD         0.0250         1         08/09/22         08/11/22           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         08/09/22         08/11/22           mg/kg         mg/kg         Analyst: JL         ND         25.0         1         08/09/22         08/10/22           ND         25.0         1         08/09/22         08/10/22         08/10/22           ND         50.0         1         08/09/22         08/10/22 |



| EOG Resources        | Project Name:    | Ocotilla ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/12/2022 1:27:39PM |

### **CS-134**

|                                                |        | ъ .:      |          |          |          |                |
|------------------------------------------------|--------|-----------|----------|----------|----------|----------------|
|                                                |        | Reporting |          |          |          |                |
| Analyte                                        | Result | Limit     | Dilution | Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Analy    | st: RKS  |          | Batch: 2233037 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/09/22 | 08/10/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/09/22 | 08/10/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/09/22 | 08/10/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/09/22 | 08/10/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/09/22 | 08/10/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/09/22 | 08/10/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 97.5 %    | 70-130   | 08/09/22 | 08/10/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Analy    | st: RKS  |          | Batch: 2233037 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/09/22 | 08/10/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 93.4 %    | 70-130   | 08/09/22 | 08/10/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Analy    | st: JL   |          | Batch: 2233036 |
| Diesel Range Organics (C10-C28)                | 29.3   | 25.0      | 1        | 08/09/22 | 08/10/22 |                |
| Oil Range Organics (C28-C36)                   | 54.1   | 50.0      | 1        | 08/09/22 | 08/10/22 |                |
| Surrogate: n-Nonane                            |        | 111 %     | 50-200   | 08/09/22 | 08/10/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Analy    | st: KL   |          | Batch: 2233053 |
|                                                |        |           |          |          |          |                |



| EOG Resources        | Project Name:    | Ocotilla ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/12/2022 1:27:39PM |

### **CS-135**

|                                                |        | Reporting |          |              |          |                |
|------------------------------------------------|--------|-----------|----------|--------------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilution | Prepared     | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Analy    | yst: RKS     |          | Batch: 2233037 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/09/22     | 08/11/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/09/22     | 08/11/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/09/22     | 08/11/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/09/22     | 08/11/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/09/22     | 08/11/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/09/22     | 08/11/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 97.8 %    | 70-130   | 08/09/22     | 08/11/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Analy    | Analyst: RKS |          | Batch: 2233037 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/09/22     | 08/11/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 92.9 %    | 70-130   | 08/09/22     | 08/11/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Analy    | yst: JL      |          | Batch: 2233036 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0      | 1        | 08/09/22     | 08/10/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      | 1        | 08/09/22     | 08/10/22 |                |
| Surrogate: n-Nonane                            |        | 113 %     | 50-200   | 08/09/22     | 08/10/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Analy    | yst: KL      |          | Batch: 2233053 |
| Chloride                                       | 30.7   | 20.0      | 1        | 08/10/22     | 08/10/22 |                |
|                                                |        |           |          |              |          |                |



| EOG Resources        | Project Name:    | Ocotilla ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/12/2022 1:27:39PM |

### **CS-136**

|                                                |        | Reporting |          |          |          |                |
|------------------------------------------------|--------|-----------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilution | Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Analys   | st: RKS  |          | Batch: 2233037 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/09/22 | 08/11/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/09/22 | 08/11/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/09/22 | 08/11/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/09/22 | 08/11/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/09/22 | 08/11/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/09/22 | 08/11/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 96.8 %    | 70-130   | 08/09/22 | 08/11/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Analys   | st: RKS  |          | Batch: 2233037 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/09/22 | 08/11/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 93.1 %    | 70-130   | 08/09/22 | 08/11/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Analys   | st: JL   |          | Batch: 2233036 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0      | 1        | 08/09/22 | 08/10/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      | 1        | 08/09/22 | 08/10/22 |                |
| Surrogate: n-Nonane                            |        | 111 %     | 50-200   | 08/09/22 | 08/10/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Analys   | st: KL   |          | Batch: 2233053 |
| Chloride                                       | ND     | 20.0      | 1        | 08/10/22 | 08/10/22 |                |
|                                                |        |           |          |          |          |                |



|        |                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                     | <i>.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                   |                                                                   |                                                                                   |                                                                 |                                                                 |
|--------|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|
|        | Project Name:                                                                                                                         | O                                                                                                                                                                                                                                                                                                                                                                                                                   | cotilla ACI Fe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ederal #1                                                         |                                                                   |                                                                                   |                                                                 | Reported:                                                       |
|        | Project Number:                                                                                                                       | 19                                                                                                                                                                                                                                                                                                                                                                                                                  | 0034-0016                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                   |                                                                   |                                                                                   |                                                                 | P                                                               |
|        | Project Manager:                                                                                                                      | G                                                                                                                                                                                                                                                                                                                                                                                                                   | reg Crabtree                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                                   |                                                                                   | 8/                                                              | 12/2022 1:27:39PN                                               |
|        | Volatile O                                                                                                                            | rganics b                                                                                                                                                                                                                                                                                                                                                                                                           | y EPA 802                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 21B                                                               |                                                                   |                                                                                   |                                                                 | Analyst: RKS                                                    |
|        | Reporting                                                                                                                             | Spike                                                                                                                                                                                                                                                                                                                                                                                                               | Source                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                   | Rec                                                               |                                                                                   | RPD                                                             |                                                                 |
| Result | Limit                                                                                                                                 | Level                                                                                                                                                                                                                                                                                                                                                                                                               | Result                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Rec                                                               | Limits                                                            | RPD                                                                               | Limit                                                           |                                                                 |
| mg/kg  | mg/kg                                                                                                                                 | mg/kg                                                                                                                                                                                                                                                                                                                                                                                                               | mg/kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | %                                                                 | %                                                                 | %                                                                                 | %                                                               | Notes                                                           |
|        |                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                   |                                                                   | Prepared: 0                                                                       | 8/09/22 Ana                                                     | lyzed: 08/10/22                                                 |
| ND     | 0.0250                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                   |                                                                   |                                                                                   |                                                                 |                                                                 |
| ND     | 0.0250                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                   |                                                                   |                                                                                   |                                                                 |                                                                 |
| ND     | 0.0250                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                   |                                                                   |                                                                                   |                                                                 |                                                                 |
| ND     | 0.0250                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                   |                                                                   |                                                                                   |                                                                 |                                                                 |
| ND     | 0.0500                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                   |                                                                   |                                                                                   |                                                                 |                                                                 |
| ND     | 0.0250                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                   |                                                                   |                                                                                   |                                                                 |                                                                 |
| 7.71   |                                                                                                                                       | 8.00                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 96.4                                                              | 70-130                                                            |                                                                                   |                                                                 |                                                                 |
|        |                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                   |                                                                   | Prepared: 0                                                                       | 8/09/22 Ana                                                     | lyzed: 08/10/22                                                 |
| 4.82   | 0.0250                                                                                                                                | 5.00                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 96.5                                                              | 70-130                                                            |                                                                                   |                                                                 |                                                                 |
| 4.68   | 0.0250                                                                                                                                | 5.00                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 93.7                                                              | 70-130                                                            |                                                                                   |                                                                 |                                                                 |
| 4.85   | 0.0250                                                                                                                                | 5.00                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 97.0                                                              | 70-130                                                            |                                                                                   |                                                                 |                                                                 |
| 4.78   | 0.0250                                                                                                                                | 5.00                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 95.6                                                              | 70-130                                                            |                                                                                   |                                                                 |                                                                 |
| 9.49   | 0.0500                                                                                                                                | 10.0                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 94.9                                                              | 70-130                                                            |                                                                                   |                                                                 |                                                                 |
| 14.3   | 0.0250                                                                                                                                | 15.0                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 95.1                                                              | 70-130                                                            |                                                                                   |                                                                 |                                                                 |
| 8.01   |                                                                                                                                       | 8.00                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 100                                                               | 70-130                                                            |                                                                                   |                                                                 |                                                                 |
|        |                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                     | Source:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | E208055-                                                          | 04                                                                | Prepared: 0                                                                       | 8/09/22 Ana                                                     | lyzed: 08/10/22                                                 |
| 5.36   | 0.0250                                                                                                                                | 5.00                                                                                                                                                                                                                                                                                                                                                                                                                | ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 107                                                               | 54-133                                                            |                                                                                   |                                                                 |                                                                 |
| 5.22   | 0.0250                                                                                                                                | 5.00                                                                                                                                                                                                                                                                                                                                                                                                                | ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 104                                                               | 61-133                                                            |                                                                                   |                                                                 |                                                                 |
| 5.40   | 0.0250                                                                                                                                | 5.00                                                                                                                                                                                                                                                                                                                                                                                                                | ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 108                                                               | 61-130                                                            |                                                                                   |                                                                 |                                                                 |
| 5.32   | 0.0250                                                                                                                                | 5.00                                                                                                                                                                                                                                                                                                                                                                                                                | ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 106                                                               | 63-131                                                            |                                                                                   |                                                                 |                                                                 |
| 10.6   | 0.0500                                                                                                                                | 10.0                                                                                                                                                                                                                                                                                                                                                                                                                | ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 106                                                               | 63-131                                                            |                                                                                   |                                                                 |                                                                 |
| 15.9   | 0.0250                                                                                                                                | 15.0                                                                                                                                                                                                                                                                                                                                                                                                                | ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 106                                                               | 63-131                                                            |                                                                                   |                                                                 |                                                                 |
| 7.81   |                                                                                                                                       | 8.00                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 97.7                                                              | 70-130                                                            |                                                                                   |                                                                 |                                                                 |
|        |                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | E208055-                                                          |                                                                   |                                                                                   |                                                                 | lyzed: 08/10/22                                                 |
| 5.26   | 0.0250                                                                                                                                | 5.00                                                                                                                                                                                                                                                                                                                                                                                                                | ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 105                                                               | 54-133                                                            | 1.85                                                                              | 20                                                              |                                                                 |
| 5.12   | 0.0250                                                                                                                                | 5.00                                                                                                                                                                                                                                                                                                                                                                                                                | ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 102                                                               | 61-133                                                            | 2.04                                                                              | 20                                                              |                                                                 |
| 5.30   | 0.0250                                                                                                                                | 5.00                                                                                                                                                                                                                                                                                                                                                                                                                | ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 106                                                               | 61-130                                                            | 1.89                                                                              | 20                                                              |                                                                 |
| 5.20   | 0.0250                                                                                                                                | 5.00                                                                                                                                                                                                                                                                                                                                                                                                                | ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 104                                                               | 63-131                                                            | 2.29                                                                              | 20                                                              |                                                                 |
| 10.3   | 0.0500                                                                                                                                | 10.0                                                                                                                                                                                                                                                                                                                                                                                                                | ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 103                                                               | 63-131                                                            |                                                                                   | 20                                                              |                                                                 |
| 15.5   | 0.0250                                                                                                                                | 15.0                                                                                                                                                                                                                                                                                                                                                                                                                | ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 104                                                               | 63-131                                                            | 2.18                                                                              | 20                                                              |                                                                 |
|        | Mg/kg  ND ND ND ND ND ND ND ND 7.71  4.82 4.68 4.85 4.78 9.49 14.3 8.01  5.36 5.22 5.40 5.32 10.6 15.9 7.81  5.26 5.12 5.30 5.20 10.3 | Project Number: Project Manager:  Volatile O  Reporting Limit mg/kg  ND 0.0250 7.71  4.82 0.0250 4.88 0.0250 4.78 0.0250 4.78 0.0250 9.49 0.0500 14.3 0.0250 5.22 0.0250 5.40 0.0250 5.32 0.0250 5.32 0.0250 10.6 0.0500 15.9 0.0250 7.81 | Project Number: 19 Project Manager: Gr  Volatile Organics to Spike  Result Limit Level mg/kg mg/kg mg/kg  ND 0.0250 | Project Number:   19034-0016     Project Manager:   Greg Crabtree | Project Number:   19034-0016     Project Manager:   Greg Crabtree | Project Number:   19034-0016   Project Manager:   Greg Crabtree     Greg Crabtree | Project Number:   19034-0016   Project Manager:   Greg Crabtree | Project Number:   19034-0016   Project Manager:   Greg Crabtree |

97.5

70-130



Surrogate: 4-Bromochlorobenzene-PID

| EOG Resources        | Project Name:    | Ocotilla ACI Federal #1 | Reported:           |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              |                     |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/12/2022 1:27:39PM |

| Artesia NM, 88210                       |                 | Project Manage              | r: Gr                   | reg Crabtree              |          |               |             | 8/1               | 2/2022 1:27:39PM                               |
|-----------------------------------------|-----------------|-----------------------------|-------------------------|---------------------------|----------|---------------|-------------|-------------------|------------------------------------------------|
|                                         | Non             | halogenated                 | Organics l              | by EPA 80                 | 15D - Gl | RO            |             | I                 | Analyst: RKS                                   |
| Analyte                                 | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits | RPD<br>%    | RPD<br>Limit<br>% | Notes                                          |
| Blank (2233037-BLK1)                    |                 |                             |                         |                           |          |               | Prepared: 0 | 8/09/22 Anal      | yzed: 08/10/22                                 |
| Gasoline Range Organics (C6-C10)        | ND              | 20.0                        |                         |                           |          |               | 1           |                   | <u>,                                      </u> |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.55            |                             | 8.00                    |                           | 94.4     | 70-130        |             |                   |                                                |
| LCS (2233037-BS2)                       |                 |                             |                         |                           |          |               | Prepared: 0 | 8/09/22 Anal      | yzed: 08/10/22                                 |
| Gasoline Range Organics (C6-C10)        | 38.3            | 20.0                        | 50.0                    |                           | 76.7     | 70-130        |             |                   |                                                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.55            |                             | 8.00                    |                           | 94.3     | 70-130        |             |                   |                                                |
| Matrix Spike (2233037-MS2)              |                 |                             |                         | Source:                   | E208055- | 04            | Prepared: 0 | 8/09/22 Anal      | yzed: 08/10/22                                 |
| Gasoline Range Organics (C6-C10)        | 41.9            | 20.0                        | 50.0                    | ND                        | 83.8     | 70-130        |             |                   |                                                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.49            |                             | 8.00                    |                           | 93.6     | 70-130        |             |                   |                                                |
| Matrix Spike Dup (2233037-MSD2)         |                 |                             |                         | Source:                   | E208055- | 04            | Prepared: 0 | 8/09/22 Anal      | yzed: 08/10/22                                 |
| Gasoline Range Organics (C6-C10)        | 41.2            | 20.0                        | 50.0                    | ND                        | 82.5     | 70-130        | 1.59        | 20                |                                                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.49            |                             | 8.00                    |                           | 93.6     | 70-130        |             |                   |                                                |



| EOG Resources        | Project Name:    | Ocotilla ACI Federal #1 | Reported:           |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              |                     |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/12/2022 1:27:39PM |

| Artesia NM, 88210                                          |        | Project Manage     | r: Gr          | eg Crabtree      |           |               |             | 8            | /12/2022 1:27:39PM |  |  |
|------------------------------------------------------------|--------|--------------------|----------------|------------------|-----------|---------------|-------------|--------------|--------------------|--|--|
| Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: JL |        |                    |                |                  |           |               |             |              |                    |  |  |
| Analyte                                                    | Result | Reporting<br>Limit | Spike<br>Level | Source<br>Result | Rec       | Rec<br>Limits | RPD         | RPD<br>Limit |                    |  |  |
|                                                            | mg/kg  | mg/kg              | mg/kg          | mg/kg            | %         | %             | %           | %            | Notes              |  |  |
| Blank (2233036-BLK1)                                       |        |                    |                |                  |           |               | Prepared: 0 | 8/09/22 Ana  | alyzed: 08/09/22   |  |  |
| Diesel Range Organics (C10-C28)                            | ND     | 25.0               |                |                  |           |               |             |              |                    |  |  |
| Dil Range Organics (C28-C36)                               | ND     | 50.0               |                |                  |           |               |             |              |                    |  |  |
| Surrogate: n-Nonane                                        | 53.9   |                    | 50.0           |                  | 108       | 50-200        |             |              |                    |  |  |
| LCS (2233036-BS1)                                          |        |                    |                |                  |           |               | Prepared: 0 | 8/09/22 Ana  | alyzed: 08/09/22   |  |  |
| Diesel Range Organics (C10-C28)                            | 251    | 25.0               | 250            |                  | 101       | 38-132        |             |              |                    |  |  |
| Surrogate: n-Nonane                                        | 50.0   |                    | 50.0           |                  | 100       | 50-200        |             |              |                    |  |  |
| Matrix Spike (2233036-MS1)                                 |        |                    |                | Source:          | E208057-2 | 23            | Prepared: 0 | 8/09/22 Ana  | alyzed: 08/09/22   |  |  |
| Diesel Range Organics (C10-C28)                            | 261    | 25.0               | 250            | ND               | 104       | 38-132        |             |              |                    |  |  |
| Surrogate: n-Nonane                                        | 45.7   |                    | 50.0           |                  | 91.3      | 50-200        |             |              |                    |  |  |
| Matrix Spike Dup (2233036-MSD1)                            |        |                    |                | Source:          | E208057-2 | 23            | Prepared: 0 | 8/09/22 Ana  | alyzed: 08/09/22   |  |  |
| Diesel Range Organics (C10-C28)                            | 255    | 25.0               | 250            | ND               | 102       | 38-132        | 2.23        | 20           |                    |  |  |
| Surrogate: n-Nonane                                        | 49.4   |                    | 50.0           |                  | 98.8      | 50-200        |             |              |                    |  |  |



| EOG Resources<br>104 South 4th Street |        | Project Name:<br>Project Number: | 1              | ocotilla ACI Fe<br>9034-0016 | ederal #1 |               |             |              | Reported:           |
|---------------------------------------|--------|----------------------------------|----------------|------------------------------|-----------|---------------|-------------|--------------|---------------------|
| Artesia NM, 88210                     |        | Project Manager:                 | : G            | ireg Crabtree                |           |               |             |              | 8/12/2022 1:27:39PM |
|                                       |        | Anions                           | by EPA         | 300.0/9056 <i>E</i>          | 4         |               |             |              | Analyst: KL         |
| Analyte                               | Result | Reporting<br>Limit               | Spike<br>Level | Source<br>Result             | Rec       | Rec<br>Limits | RPD         | RPD<br>Limit |                     |
|                                       | mg/kg  | mg/kg                            | mg/kg          | mg/kg                        | %         | %             | %           | %            | Notes               |
| Blank (2233053-BLK1)                  |        |                                  |                |                              |           |               | Prepared: 0 | 8/10/22 A    | nalyzed: 08/10/22   |
| Chloride                              | ND     | 20.0                             |                |                              |           |               |             |              |                     |
| LCS (2233053-BS1)                     |        |                                  |                |                              |           |               | Prepared: 0 | 8/10/22 A    | nalyzed: 08/10/22   |
| Chloride                              | 264    | 20.0                             | 250            |                              | 105       | 90-110        |             |              |                     |
| Matrix Spike (2233053-MS1)            |        |                                  |                | Source:                      | E208055-  | 01            | Prepared: 0 | 8/10/22 A    | nalyzed: 08/10/22   |
| Chloride                              | 288    | 20.0                             | 250            | 23.5                         | 106       | 80-120        |             |              |                     |
| Matrix Spike Dup (2233053-MSD1)       |        |                                  |                | Source:                      | E208055-  | 01            | Prepared: 0 | 8/10/22 A    | nalyzed: 08/10/22   |
| Chloride                              | 290    | 20.0                             | 250            | 23.5                         | 107       | 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:    | Ocotilla ACI Federal #1 |                |
|----------------------|------------------|-------------------------|----------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:      |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 08/12/22 13:27 |

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                            |                         |              |               |                 | c                        | hain of Custody |           |                 |              |             |             |                |                     |          |            |          |      |    |                  | Page        | <u>/</u> of /                                    |
|-------------------|---------------------------------------|-------------------------|--------------|---------------|-----------------|--------------------------|-----------------|-----------|-----------------|--------------|-------------|-------------|----------------|---------------------|----------|------------|----------|------|----|------------------|-------------|--------------------------------------------------|
| Client:           | EOG                                   |                         |              |               |                 | Bill To                  |                 | 1         |                 | La           | ab Us       | e On        | ly             |                     |          | Г          |          | Т    | AT |                  | EPA P       | rogram                                           |
| Project:          |                                       |                         |              |               |                 | ttention:                |                 | Lab       | WO              |              |             | Job I       |                | ber                 |          | 1D         | 2D       | 3D   | St | andard           | CWA         | SDW/                                             |
|                   |                                       | Greg Cra                | btree        |               |                 | ddress:                  |                 | Ea        | 508<br>Mot      | <u> </u>     | <u> 55</u>  |             | 9034           |                     |          |            |          |      |    | х                |             |                                                  |
| Address:          |                                       |                         |              |               | 1 1-            | ty, State, Zip           |                 |           | ,               |              |             | Analy       | sis ar         | nd Me               | etho     | <u> </u>   |          |      |    |                  |             | RCRA                                             |
| City, Star        | te, Zip                               |                         |              | <del></del> - |                 | none:                    |                 |           |                 |              |             |             |                |                     |          |            |          |      |    |                  | L_ <u></u>  | х                                                |
| Phone:            | Garcia B. Ha                          | II C. Cb                | T V-         |               | <u>E</u>        | mail:                    |                 | by 8015   | ) Si            |              |             |             | ا ہ ا          | 827                 |          |            | İ        | 1    |    | NAT CO           | State       | 17/1                                             |
| Report d          |                                       | ii G. Crab              | uee I. Ki    | ngnt          |                 |                          |                 | <u>\$</u> | À               | 170          | 99          | 유           | 30.0           | tiles               | l        |            |          |      |    | NM CO            | UI AZ       | <del>                                     </del> |
| Time              |                                       |                         | No. of       | <del></del>   |                 |                          | Lab             | Į ğ       | 8               | <u>\$</u>    | þá<br>R     | )9 Si       | ride           | -Vol                |          | ي ا        |          |      |    | ×I               |             | <del></del>                                      |
| Sampled           | Date Sampled                          | Matrix                  | Containers   | Sample 10     | ·               |                          | Number          | DRO/ORO   | GRO/DRO by 8015 | ВТЕХ by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | Semi-Volitiles 8270 | õ        | PCB's      |          |      |    |                  | Remarks     | ;<br>                                            |
| 9:46              | 8/2/2022                              | S                       | 1            |               |                 | CS-131                   | 4               | x         | x               | x            |             |             | х              |                     |          |            |          |      |    |                  |             |                                                  |
| 10:57             | 8/2/2022                              | S                       | 1            |               |                 | CS-132                   | a               | x         | x               | х            |             |             | х              |                     |          |            |          |      |    |                  |             |                                                  |
| 12:05             | 8/2/2022                              | S                       | 1            |               |                 | CS-133                   | 3               | х         | х               | х            |             |             | х              |                     |          |            |          |      |    |                  |             |                                                  |
| 12:09             | 8/2/2022                              | S                       | 1            |               |                 | CS-134                   | 4               | х         | х               | х            |             |             | х              |                     |          |            |          |      |    |                  |             |                                                  |
| 12:14             | 8/2/2022                              | S                       | 1            |               |                 | CS-135                   | 5               | х         | х               | x            |             |             | х              |                     |          |            |          |      |    |                  |             |                                                  |
| 16:16             | 8/2/2022                              | S                       | 1            |               |                 | CS-136                   | (0              | х         | x               | х            |             |             | x              |                     |          |            |          |      |    |                  |             |                                                  |
|                   |                                       |                         |              |               |                 |                          |                 |           |                 |              |             |             |                |                     |          |            |          |      |    |                  |             |                                                  |
|                   |                                       |                         |              |               |                 |                          |                 |           |                 |              |             |             |                |                     |          |            |          |      |    |                  |             |                                                  |
|                   |                                       |                         |              |               |                 | · • •                    |                 | <u> </u>  | <u> </u>        |              |             |             |                | _                   |          |            |          |      |    |                  |             |                                                  |
|                   | :                                     |                         |              |               |                 |                          |                 |           |                 |              |             |             |                |                     |          |            |          |      |    |                  |             |                                                  |
|                   |                                       |                         |              |               |                 |                          |                 |           |                 |              |             |             |                |                     |          |            |          |      |    |                  |             |                                                  |
| x                 |                                       |                         |              |               |                 |                          | •               |           | <u> </u>        |              |             |             |                | •                   |          |            |          |      |    | L                |             |                                                  |
| X<br>date or time | e of collection is co                 | onsidered fra           | ud and may   | he grounds fo | or legal action | Sampled by: Isaac Ga     | reia            |           |                 |              |             |             |                |                     |          |            |          |      |    | on ice the day t |             | ed or received                                   |
|                   | ed by: (Signatur                      |                         | Date         |               | Time            | Received by: (Signature) | Date            |           | Time            |              |             |             |                |                     |          | La         | b Us     | e Or | lv |                  | <del></del> |                                                  |
| da                |                                       |                         | 8/3          | Flere         | 14:54           | 1 lukuk                  | N 8/5/2         | 22        | 14              | :-           | 41          | Rece        | ived           | on ic               | e:       |            | V N      |      | ,  |                  |             |                                                  |
| Relinquish        | ed by: (Signatur                      | e)                      | Date         |               | Time            | Received by: (Signature) | Date            |           | Time            |              |             |             |                |                     |          |            |          |      |    |                  |             |                                                  |
| Relinquish        | ed by: (Signatur                      | e)                      | Date         |               | Time            | Received by: (Signature) | Date            |           | Time            |              |             | <u>T1</u>   |                |                     | _ 1      | <u>T2</u>  |          |      |    | <u>T3</u>        | <u> </u>    |                                                  |
|                   |                                       |                         |              |               |                 |                          |                 |           |                 |              | _           | AVG         |                |                     | <u> </u> | <u>_</u> _ |          |      |    |                  |             |                                                  |
| Sample Mat        | trix: <b>S</b> - Soil, <b>Sd</b> - So | olid, <b>S</b> g - Slud | ge, A - Aque | ous, O - Othe | r               |                          | Container       | Type      | : g - g         | lass,        | p - po      | ly/pla      | stic.          | ag - a              | ımbe     | r glas     | s. v - 1 | VOA  |    |                  |             |                                                  |

Page 49 of 250

Printed: 8/9/2022 10:17:17AM

### **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:    | 08/05/22        | 14:54                        | Work Order ID: | E208055           |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------|------------------------------|----------------|-------------------|
| Phone:     | (575) 748-4217                                                                                                                                                                                   | Date Logged In:   | 08/09/22        | 09:37                        | Logged In By:  | Caitlin Christian |
| Email:     |                                                                                                                                                                                                  | Due Date:         | 08/12/22        | 17:00 (5 day TAT)            |                |                   |
| GL :       | f.c. + 1 (606)                                                                                                                                                                                   |                   |                 |                              |                |                   |
|            | f Custody (COC)                                                                                                                                                                                  |                   | 37              |                              |                |                   |
|            | the sample ID match the COC? the number of samples per sampling site location mat                                                                                                                | ch the COC        | Yes             |                              |                |                   |
|            | samples dropped off by client or carrier?                                                                                                                                                        | on the coc        | Yes<br>Yes      | Ci I Ci-                     |                |                   |
|            | ne COC complete, i.e., signatures, dates/times, reques                                                                                                                                           | sted analyses?    | Yes             | Carrier: <u>Isaac Garcia</u> |                |                   |
|            | all samples received within holding time?                                                                                                                                                        | nou unur, sos.    | Yes             |                              |                |                   |
|            | Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.                                                                           |                   |                 |                              | Commen         | ts/Resolution     |
|            | Turn Around Time (TAT)                                                                                                                                                                           |                   |                 |                              |                |                   |
|            | e COC indicate standard TAT, or Expedited TAT?                                                                                                                                                   |                   | Yes             |                              |                |                   |
| Sample     |                                                                                                                                                                                                  |                   |                 |                              |                |                   |
|            | sample cooler received?                                                                                                                                                                          |                   | Yes             |                              |                |                   |
|            | was cooler received in good condition?                                                                                                                                                           |                   | Yes             |                              |                |                   |
|            | ne sample(s) received intact, i.e., not broken?                                                                                                                                                  |                   | Yes             |                              |                |                   |
|            | custody/security seals present?                                                                                                                                                                  |                   | No              |                              |                |                   |
| 11. If ye  | s, were custody/security seals intact?                                                                                                                                                           |                   | NA              |                              |                |                   |
|            | he 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<br><u>C</u> |                              |                |                   |
| Sample     | <u>Container</u>                                                                                                                                                                                 | _                 |                 |                              |                |                   |
|            | aqueous VOC samples present?                                                                                                                                                                     |                   | No              |                              |                |                   |
| 15. Are    | VOC samples collected in VOA Vials?                                                                                                                                                              |                   | NA              |                              |                |                   |
| 16. Is the | e 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 1  | non-VOC samples collected in the correct containers                                                                                                                                              | ?                 | Yes             |                              |                |                   |
| 19. Is the | appropriate volume/weight or number of sample contain                                                                                                                                            | ners collected?   | Yes             |                              |                |                   |
| Field La   | <u>bel</u>                                                                                                                                                                                       |                   |                 |                              |                |                   |
|            | e field sample labels filled out with the minimum info                                                                                                                                           | rmation:          |                 |                              |                |                   |
|            | Sample ID?                                                                                                                                                                                       |                   | Yes             |                              |                |                   |
|            | Date/Time Collected?<br>Collectors name?                                                                                                                                                         |                   | Yes             |                              |                |                   |
|            | Preservation                                                                                                                                                                                     |                   | Yes             |                              |                |                   |
|            | the COC or field labels indicate the samples were pr                                                                                                                                             | eserved?          | No              |                              |                |                   |
|            | sample(s) correctly preserved?                                                                                                                                                                   |                   | NA              |                              |                |                   |
|            | o filteration required and/or requested for dissolved m                                                                                                                                          | netals?           | No              |                              |                |                   |
|            | ase Sample Matrix                                                                                                                                                                                |                   |                 |                              |                |                   |
|            | the sample have more than one phase, i.e., multipha                                                                                                                                              | se?               | No              |                              |                |                   |
|            | s, does the COC specify which phase(s) is to be analy                                                                                                                                            |                   | NA              |                              |                |                   |
|            | ract Laboratory                                                                                                                                                                                  |                   | 1471            |                              |                |                   |
|            | samples required to get sent to a subcontract laborato                                                                                                                                           | ru?               | No              |                              |                |                   |
|            | a subcontract laboratory specified by the client and it                                                                                                                                          | -                 | NA              | Subcontract Lab: na          |                |                   |
| Client l   | <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 Federal #1

Work Order: E208084

Job Number: 19034-0016

Received: 8/17/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/18/22

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: 8/18/22

Greg Crabtree 104 South 4th Street Artesia, NM 88210

Project Name: Ocotillo ACI Federal #1

Workorder: E208084

Date Received: 8/17/2022 9:45:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/17/2022 9:45:00AM, 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

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

### **Table of Contents**

| Title Page        | 1  |
|-------------------|----|
| Cover Page        | 2  |
| Table of Contents | 3  |
| Sample Summary    | 5  |
| Sample Data       | 6  |
| CS-137            | 6  |
| CS-138            | 7  |
| CS-139            | 8  |
| CS-140            | 9  |
| CS-141            | 10 |
| CS-142            | 11 |
| CS-143            | 12 |
| CS-144            | 13 |
| CS-145            | 14 |
| CS-146            | 15 |
| CS-147            | 16 |
| CS-148            | 17 |
| CS-149            | 18 |
| CS-150            | 19 |
| CS-151            | 20 |
| CS-152            | 21 |
| CS-153            | 22 |
| CS-154            | 23 |
| CS-155            | 24 |
| CS-156            | 25 |

# Table of Contents (continued)

| QC Summary Data                                     | 26 |
|-----------------------------------------------------|----|
| QC - Volatile Organic Compounds by EPA 8260B        | 26 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO     | 27 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 28 |
| QC - Anions by EPA 300.0/9056A                      | 29 |
| Definitions and Notes                               | 30 |
| Chain of Custody etc.                               | 31 |

### Sample Summary

| EOG Resources        | Project Name:    | Project Name: Ocotillo ACI Federal #1 |                |
|----------------------|------------------|---------------------------------------|----------------|
| 104 South 4th Street | Project Number:  | 19034-0016                            | Reported:      |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree                         | 08/18/22 13:54 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| CS-137           | E208084-01A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-138           | E208084-02A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-139           | E208084-03A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-140           | E208084-04A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-141           | E208084-05A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-142           | E208084-06A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-143           | E208084-07A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-144           | E208084-08A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-145           | E208084-09A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-146           | E208084-10A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-147           | E208084-11A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-148           | E208084-12A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-149           | E208084-13A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-150           | E208084-14A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-151           | E208084-15A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-152           | E208084-16A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-153           | E208084-17A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-154           | E208084-18A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-155           | E208084-19A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-156           | E208084-20A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |



EOG ResourcesProject Name:Ocotillo ACI Federal #1104 South 4th StreetProject Number:19034-0016Reported:Artesia NM, 88210Project Manager:Greg Crabtree8/18/2022 1:54:08PM

### **CS-137**

| Reporting                                                                                                                                                            |               |                                         |                  |                          |                                                                |                                              |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------------|------------------|--------------------------|----------------------------------------------------------------|----------------------------------------------|--------------------------------|
| Analyte                                                                                                                                                              | Result        | Limit                                   | Dil              | ution                    | Prepared                                                       | Analyzed                                     | Notes                          |
| Volatile Organic Compounds by EPA 8260B                                                                                                                              | mg/kg         | mg/kg                                   |                  | Analyst:                 | IY                                                             |                                              | Batch: 2234040                 |
| Benzene                                                                                                                                                              | ND            | 0.0250                                  |                  | 1                        | 08/16/22                                                       | 08/17/22                                     |                                |
| Ethylbenzene                                                                                                                                                         | ND            | 0.0250                                  |                  | 1                        | 08/16/22                                                       | 08/17/22                                     |                                |
| Toluene                                                                                                                                                              | ND            | 0.0250                                  |                  | 1                        | 08/16/22                                                       | 08/17/22                                     |                                |
| o-Xylene                                                                                                                                                             | ND            | 0.0250                                  |                  | 1                        | 08/16/22                                                       | 08/17/22                                     |                                |
| p,m-Xylene                                                                                                                                                           | ND            | 0.0500                                  |                  | 1                        | 08/16/22                                                       | 08/17/22                                     |                                |
| Total Xylenes                                                                                                                                                        | ND            | 0.0250                                  |                  | 1                        | 08/16/22                                                       | 08/17/22                                     |                                |
| Surrogate: Bromofluorobenzene                                                                                                                                        |               | 101 %                                   | 70-130           |                          | 08/16/22                                                       | 08/17/22                                     |                                |
| Surrogate: 1,2-Dichloroethane-d4                                                                                                                                     |               | 101 %                                   | 70-130           |                          | 08/16/22                                                       | 08/17/22                                     |                                |
| Surrogate: Toluene-d8                                                                                                                                                |               | 102 %                                   | 70-130           |                          | 08/16/22                                                       | 08/17/22                                     |                                |
| Nonhalogenated Organics by EPA 8015D - GRO                                                                                                                           | mg/kg         | mg/kg                                   |                  | Analyst:                 | IY                                                             |                                              | Batch: 2234040                 |
| Gasoline Range Organics (C6-C10)                                                                                                                                     | ND            | 20.0                                    |                  | 1                        | 08/16/22                                                       | 08/17/22                                     |                                |
|                                                                                                                                                                      |               | 101.0/                                  |                  |                          |                                                                | 00/17/22                                     |                                |
| Surrogate: Bromofluorobenzene                                                                                                                                        |               | 101 %                                   | 70-130           |                          | 08/16/22                                                       | 08/17/22                                     |                                |
| Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4                                                                                                       |               | 101 %<br>101 %                          | 70-130<br>70-130 |                          | 08/16/22<br>08/16/22                                           | 08/17/22<br>08/17/22                         |                                |
|                                                                                                                                                                      |               |                                         |                  |                          |                                                                |                                              |                                |
| Surrogate: 1,2-Dichloroethane-d4                                                                                                                                     | mg/kg         | 101 %                                   | 70-130           | Analyst:                 | 08/16/22<br>08/16/22                                           | 08/17/22                                     | Batch: 2234035                 |
| Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8                                                                                                               | mg/kg<br>32.5 | 101 %<br>102 %                          | 70-130           | Analyst:                 | 08/16/22<br>08/16/22                                           | 08/17/22                                     | Batch: 2234035                 |
| Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO                                                                |               | 101 %<br>102 %<br>mg/kg                 | 70-130           | Analyst:                 | 08/16/22<br>08/16/22<br>JL                                     | 08/17/22<br>08/17/22                         | Batch: 2234035                 |
| Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8  Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28)                               | 32.5          | 101 %<br>102 %<br>mg/kg<br>25.0         | 70-130           | Analyst: 1               | 08/16/22<br>08/16/22<br>JL<br>08/17/22                         | 08/17/22<br>08/17/22<br>08/17/22             | Batch: 2234035                 |
| Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8  Nonhalogenated Organics by EPA 8015D - DRO/ORO  Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36) | 32.5          | 101 %<br>102 %<br>mg/kg<br>25.0<br>50.0 | 70-130<br>70-130 | Analyst:  1  1  Analyst: | 08/16/22<br>08/16/22<br>JL<br>08/17/22<br>08/17/22<br>08/17/22 | 08/17/22<br>08/17/22<br>08/17/22<br>08/17/22 | Batch: 2234035  Batch: 2234044 |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 1:54:08PM |

### **CS-138**

| Reporting                                      |        |        |        |            |          |          |                |
|------------------------------------------------|--------|--------|--------|------------|----------|----------|----------------|
| Analyte                                        | Result | Limit  | Dilu   | tion       | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg  |        | Analyst: Г | Y        |          | Batch: 2234040 |
| Benzene                                        | ND     | 0.0250 | 1      |            | 08/16/22 | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0250 | 1      |            | 08/16/22 | 08/17/22 |                |
| Toluene                                        | ND     | 0.0250 | 1      |            | 08/16/22 | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0250 | 1      |            | 08/16/22 | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.0500 | 1      |            | 08/16/22 | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0250 | 1      |            | 08/16/22 | 08/17/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 97.4 % | 70-130 |            | 08/16/22 | 08/17/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 103 %  | 70-130 |            | 08/16/22 | 08/17/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %  | 70-130 |            | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg  | ٠      | Analyst: I | Y        |          | Batch: 2234040 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0   | 1      | ļ.         | 08/16/22 | 08/17/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 97.4 % | 70-130 |            | 08/16/22 | 08/17/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 103 %  | 70-130 |            | 08/16/22 | 08/17/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %  | 70-130 |            | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg  |        | Analyst: J | L        |          | Batch: 2234035 |
| Diesel Range Organics (C10-C28)                | 38.1   | 25.0   | 1      |            | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 50.2   | 50.0   | 1      | <u> </u>   | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 82.0 % | 50-200 |            | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg  |        | Analyst: F | RAS      |          | Batch: 2234044 |
| 7 HIOHS DY E111 500:0/203011                   |        |        |        |            |          |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 1:54:08PM |

### **CS-139**

| Reporting                                      |        |        |        |          |          |          |                |
|------------------------------------------------|--------|--------|--------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit  | Dilu   | tion     | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg  |        | Analyst: | IY       |          | Batch: 2234040 |
| Benzene                                        | ND     | 0.0250 | 1      | l        | 08/16/22 | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0250 | 1      | l        | 08/16/22 | 08/17/22 |                |
| Toluene                                        | ND     | 0.0250 | 1      | l        | 08/16/22 | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0250 | 1      | l        | 08/16/22 | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.0500 | 1      | l        | 08/16/22 | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0250 | 1      | l        | 08/16/22 | 08/17/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 99.2 % | 70-130 |          | 08/16/22 | 08/17/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 103 %  | 70-130 |          | 08/16/22 | 08/17/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %  | 70-130 |          | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg  |        | Analyst: | IY       |          | Batch: 2234040 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0   | 1      | 1        | 08/16/22 | 08/17/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 99.2 % | 70-130 |          | 08/16/22 | 08/17/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 103 %  | 70-130 |          | 08/16/22 | 08/17/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %  | 70-130 |          | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg  |        | Analyst: | JL       |          | Batch: 2234035 |
| Diesel Range Organics (C10-C28)                | 35.5   | 25.0   | 1      | 1        | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0   | 1      | [        | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 76.9 % | 50-200 |          | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg  |        | Analyst: | RAS      |          | Batch: 2234044 |
|                                                | 140    | 20.0   |        |          | 08/17/22 | 08/17/22 |                |



EOG ResourcesProject Name:Ocotillo ACI Federal #1104 South 4th StreetProject Number:19034-0016Reported:Artesia NM, 88210Project Manager:Greg Crabtree8/18/20221:54:08PM

CS-140

|                                                |        | Reporting |        |          |          |          |                |
|------------------------------------------------|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilı   | ution    | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234040 |
| Benzene                                        | ND     | 0.0250    |        | 1        | 08/16/22 | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    |        | 1        | 08/16/22 | 08/17/22 |                |
| Toluene                                        | ND     | 0.0250    |        | 1        | 08/16/22 | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0250    |        | 1        | 08/16/22 | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    |        | 1        | 08/16/22 | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0250    |        | 1        | 08/16/22 | 08/17/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 98.8 %    | 70-130 |          | 08/16/22 | 08/17/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 101 %     | 70-130 |          | 08/16/22 | 08/17/22 |                |
| Surrogate: Toluene-d8                          |        | 102 %     | 70-130 |          | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234040 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      |        | 1        | 08/16/22 | 08/17/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 98.8 %    | 70-130 |          | 08/16/22 | 08/17/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 101 %     | 70-130 |          | 08/16/22 | 08/17/22 |                |
| Surrogate: Toluene-d8                          |        | 102 %     | 70-130 |          | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: | Л        |          | Batch: 2234035 |
| Diesel Range Organics (C10-C28)                | 39.9   | 25.0      |        | 1        | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      |        | 1        | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 73.8 %    | 50-200 |          | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: | RAS      |          | Batch: 2234044 |
| Chloride                                       | 21.1   | 20.0      |        | 1        | 08/17/22 | 08/17/22 |                |
|                                                |        |           |        |          |          |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 1:54:08PM |

### **CS-141**

| Reporting                                      |        |        |        |              |          |                |  |
|------------------------------------------------|--------|--------|--------|--------------|----------|----------------|--|
| Analyte                                        | Result | Limit  | Diluti | ion Prepared | Analyzed | Notes          |  |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg  | A      | nalyst: IY   |          | Batch: 2234040 |  |
| Benzene                                        | ND     | 0.0250 | 1      | 08/16/22     | 08/17/22 |                |  |
| Ethylbenzene                                   | ND     | 0.0250 | 1      | 08/16/22     | 08/17/22 |                |  |
| Toluene                                        | ND     | 0.0250 | 1      | 08/16/22     | 08/17/22 |                |  |
| o-Xylene                                       | ND     | 0.0250 | 1      | 08/16/22     | 08/17/22 |                |  |
| p,m-Xylene                                     | ND     | 0.0500 | 1      | 08/16/22     | 08/17/22 |                |  |
| Total Xylenes                                  | ND     | 0.0250 | 1      | 08/16/22     | 08/17/22 |                |  |
| Surrogate: Bromofluorobenzene                  |        | 98.9 % | 70-130 | 08/16/22     | 08/17/22 |                |  |
| Surrogate: 1,2-Dichloroethane-d4               |        | 103 %  | 70-130 | 08/16/22     | 08/17/22 |                |  |
| Surrogate: Toluene-d8                          |        | 103 %  | 70-130 | 08/16/22     | 08/17/22 |                |  |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg  | A      | nalyst: IY   |          | Batch: 2234040 |  |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0   | 1      | 08/16/22     | 08/17/22 |                |  |
| Surrogate: Bromofluorobenzene                  |        | 98.9 % | 70-130 | 08/16/22     | 08/17/22 |                |  |
| Surrogate: 1,2-Dichloroethane-d4               |        | 103 %  | 70-130 | 08/16/22     | 08/17/22 |                |  |
| Surrogate: Toluene-d8                          |        | 103 %  | 70-130 | 08/16/22     | 08/17/22 |                |  |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg  | A      | analyst: JL  |          | Batch: 2234035 |  |
| Diesel Range Organics (C10-C28)                | 39.2   | 25.0   | 1      | 08/17/22     | 08/17/22 |                |  |
| Oil Range Organics (C28-C36)                   | ND     | 50.0   | 1      | 08/17/22     | 08/17/22 |                |  |
| Surrogate: n-Nonane                            |        | 83.5 % | 50-200 | 08/17/22     | 08/17/22 |                |  |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg  | A      | analyst: RAS |          | Batch: 2234044 |  |
| Allions by ETA 500.0/7050A                     |        |        |        |              |          |                |  |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 1:54:08PM |

### **CS-142**

| Reporting                                      |        |        |        |             |          |          |                |
|------------------------------------------------|--------|--------|--------|-------------|----------|----------|----------------|
| Analyte                                        | Result | Limit  | Dilu   | tion        | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg  | I      | Analyst: IY | 7        |          | Batch: 2234040 |
| Benzene                                        | ND     | 0.0250 | 1      |             | 08/16/22 | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0250 | 1      |             | 08/16/22 | 08/17/22 |                |
| Toluene                                        | ND     | 0.0250 | 1      |             | 08/16/22 | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0250 | 1      |             | 08/16/22 | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.0500 | 1      |             | 08/16/22 | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0250 | 1      |             | 08/16/22 | 08/17/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 101 %  | 70-130 |             | 08/16/22 | 08/17/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 101 %  | 70-130 |             | 08/16/22 | 08/17/22 |                |
| Surrogate: Toluene-d8                          |        | 105 %  | 70-130 |             | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg  | 1      | Analyst: IY | 7        |          | Batch: 2234040 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0   | 1      |             | 08/16/22 | 08/17/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 101 %  | 70-130 |             | 08/16/22 | 08/17/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 101 %  | 70-130 |             | 08/16/22 | 08/17/22 |                |
| Surrogate: Toluene-d8                          |        | 105 %  | 70-130 |             | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg  | 1      | Analyst: JL |          |          | Batch: 2234035 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0   | 1      |             | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0   | 1      |             | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 78.6 % | 50-200 |             | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg  |        | Analyst: R  | AS       |          | Batch: 2234044 |
|                                                |        |        |        |             |          |          |                |



| EC  | OG Resources       | Project Name:    | Ocotillo ACI Federal #1 |                     |
|-----|--------------------|------------------|-------------------------|---------------------|
| 104 | 4 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Art | tesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 1:54:08PM |

### **CS-143**

|                                                |        | Reporting |        |             |          |          |                |
|------------------------------------------------|--------|-----------|--------|-------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilut  | tion        | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     | A      | Analyst: IY |          |          | Batch: 2234040 |
| Benzene                                        | ND     | 0.0250    | 1      |             | 08/16/22 | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      |             | 08/16/22 | 08/17/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      |             | 08/16/22 | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      |             | 08/16/22 | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      |             | 08/16/22 | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      |             | 08/16/22 | 08/17/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 100 %     | 70-130 |             | 08/16/22 | 08/17/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 99.2 %    | 70-130 |             | 08/16/22 | 08/17/22 |                |
| Surrogate: Toluene-d8                          |        | 104 %     | 70-130 |             | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | P      | Analyst: IY |          |          | Batch: 2234040 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      |             | 08/16/22 | 08/17/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 100 %     | 70-130 |             | 08/16/22 | 08/17/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 99.2 %    | 70-130 |             | 08/16/22 | 08/17/22 |                |
| Surrogate: Toluene-d8                          |        | 104 %     | 70-130 |             | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | A      | Analyst: JL |          |          | Batch: 2234035 |
| Diesel Range Organics (C10-C28)                | 33.5   | 25.0      | 1      |             | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      | 1      |             | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 78.3 %    | 50-200 |             | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | A      | Analyst: RA | AS       |          | Batch: 2234044 |
|                                                |        |           |        |             |          |          |                |



EOG ResourcesProject Name:Ocotillo ACI Federal #1104 South 4th StreetProject Number:19034-0016Reported:Artesia NM, 88210Project Manager:Greg Crabtree8/18/20221:54:08PM

#### **CS-144**

|                                                |        | 220000.00 |        |              |          |          |                |
|------------------------------------------------|--------|-----------|--------|--------------|----------|----------|----------------|
|                                                | D 1:   | Reporting | D'1    |              | n 1      |          | N.             |
| Analyte                                        | Result | Limit     | Dilut  | tion         | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     | I      | Analyst: IY  |          |          | Batch: 2234040 |
| Benzene                                        | ND     | 0.0250    | 1      | . (          | 08/16/22 | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      | . (          | 08/16/22 | 08/17/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      |              | 08/16/22 | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      | . (          | 08/16/22 | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      |              | 08/16/22 | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      | . (          | 08/16/22 | 08/17/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 103 %     | 70-130 |              | 08/16/22 | 08/17/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 99.3 %    | 70-130 | (            | 08/16/22 | 08/17/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %     | 70-130 | •            | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | A      | Analyst: IY  |          |          | Batch: 2234040 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      | 1            | 08/16/22 | 08/17/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 103 %     | 70-130 | (            | 08/16/22 | 08/17/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 99.3 %    | 70-130 |              | 08/16/22 | 08/17/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %     | 70-130 |              | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | A      | Analyst: JL  |          |          | Batch: 2234035 |
| Diesel Range Organics (C10-C28)                | 31.5   | 25.0      | 1      | . (          | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      | 1      | . (          | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 78.6 %    | 50-200 | (            | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | I      | Analyst: RAS | S        |          | Batch: 2234044 |
|                                                | 133    |           |        |              | 08/17/22 | 08/17/22 |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 1:54:08PM |

### **CS-145**

|                                                |        | Reporting |        |             |          |          |                 |
|------------------------------------------------|--------|-----------|--------|-------------|----------|----------|-----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion        | Prepared | Analyzed | Notes           |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: IY | 7        |          | Batch: 2234040  |
| Benzene                                        | ND     | 0.0500    | 2      | 2           | 08/16/22 | 08/18/22 |                 |
| Ethylbenzene                                   | ND     | 0.0500    | 2      | 2           | 08/16/22 | 08/18/22 |                 |
| Toluene                                        | ND     | 0.0500    | 2      | 2           | 08/16/22 | 08/18/22 |                 |
| o-Xylene                                       | ND     | 0.0500    | 2      | 2           | 08/16/22 | 08/18/22 |                 |
| p,m-Xylene                                     | ND     | 0.100     | 2      | 2           | 08/16/22 | 08/18/22 |                 |
| Total Xylenes                                  | ND     | 0.0500    | 2      | 2           | 08/16/22 | 08/18/22 |                 |
| Surrogate: Bromofluorobenzene                  |        | 99.0 %    | 70-130 |             | 08/16/22 | 08/18/22 |                 |
| Surrogate: 1,2-Dichloroethane-d4               |        | 98.6 %    | 70-130 |             | 08/16/22 | 08/18/22 |                 |
| Surrogate: Toluene-d8                          |        | 101 %     | 70-130 |             | 08/16/22 | 08/18/22 |                 |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | -      | Analyst: IY | 7        |          | Batch: 2234040  |
| Gasoline Range Organics (C6-C10)               | ND     | 40.0      | 2      | 2           | 08/16/22 | 08/18/22 |                 |
| Surrogate: Bromofluorobenzene                  |        | 99.0 %    | 70-130 |             | 08/16/22 | 08/18/22 |                 |
| Surrogate: 1,2-Dichloroethane-d4               |        | 98.6 %    | 70-130 |             | 08/16/22 | 08/18/22 |                 |
| Surrogate: Toluene-d8                          |        | 101 %     | 70-130 |             | 08/16/22 | 08/18/22 |                 |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: JL |          |          | Batch: 2234035  |
| Diesel Range Organics (C10-C28)                | 188    | 50.0      | 2      | 2           | 08/17/22 | 08/17/22 |                 |
| Oil Range Organics (C28-C36)                   | 188    | 100       | 2      | 2           | 08/17/22 | 08/17/22 |                 |
| Surrogate: n-Nonane                            | ·      | 79.1 %    | 50-200 |             | 08/17/22 | 08/17/22 |                 |
|                                                |        | /1        |        | Analyst: R  | A C      |          | Batch: 2234044  |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Anaryst. K  | AS       |          | Datcii: 2234044 |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 1:54:08PM |

### **CS-146**

|                                                |        | Reporting |        |          |          |          |                |
|------------------------------------------------|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | ıtion    | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234040 |
| Benzene                                        | ND     | 0.0250    | 1      | 1        | 08/16/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      | 1        | 08/16/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      | 1        | 08/16/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      | 1        | 08/16/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      | 1        | 08/16/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      | 1        | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 97.5 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 94.5 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %     | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234040 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      | 1        | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 97.5 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 94.5 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %     | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: | JL       |          | Batch: 2234035 |
| Diesel Range Organics (C10-C28)                | 75.3   | 25.0      | 1      | 1        | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 84.6   | 50.0      | 1      | 1        | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 84.3 %    | 50-200 |          | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: | RAS      |          | Batch: 2234044 |
|                                                |        |           |        |          |          |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 1:54:08PM |

### **CS-147**

|                                                |        | Reporting |        |             |          |          |                |
|------------------------------------------------|--------|-----------|--------|-------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion        | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     | I      | Analyst: IY | 7        |          | Batch: 2234040 |
| Benzene                                        | ND     | 0.0250    | 1      |             | 08/16/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      |             | 08/16/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      |             | 08/16/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      |             | 08/16/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      |             | 08/16/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      |             | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 99.3 %    | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 99.5 %    | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 104 %     | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | 1      | Analyst: IY | 7        |          | Batch: 2234040 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      |             | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 99.3 %    | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 99.5 %    | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 104 %     | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | 1      | Analyst: JL |          |          | Batch: 2234035 |
| Diesel Range Organics (C10-C28)                | 99.6   | 25.0      | 1      |             | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 109    | 50.0      | 1      |             | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 78.5 %    | 50-200 |             | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | 1      | Analyst: R  | AS       |          | Batch: 2234044 |
| Allions by ETA 300:0/7030A                     |        |           |        |             |          |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 1:54:08PM |

### **CS-148**

|                                                | _      | Reporting | _        |            |          |          |                |
|------------------------------------------------|--------|-----------|----------|------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu     | ıtion      | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |          | Analyst: Г | Y        |          | Batch: 2234040 |
| Benzene                                        | ND     | 0.0500    | 2        | 2          | 08/16/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0500    | 2        | 2          | 08/16/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0500    | 2        | 2          | 08/16/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0500    | 2        | 2          | 08/16/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.100     | 2        | 2          | 08/16/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0500    | 2        | 2          | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 99.8 %    | 70-130   |            | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.8 %    | 70-130   |            | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 102 %     | 70-130   |            | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |          | Analyst: I | Y        |          | Batch: 2234040 |
| Gasoline Range Organics (C6-C10)               | ND     | 40.0      | 2        | 2          | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 99.8 %    | 70-130   |            | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.8 %    | 70-130   |            | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 102 %     | 70-130   |            | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | <u> </u> | Analyst: J | L        |          | Batch: 2234035 |
| Diesel Range Organics (C10-C28)                | 248    | 50.0      | 2        | 2          | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 257    | 100       | 2        | 2          | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 86.0 %    | 50-200   |            | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |          | Analyst: F | RAS      |          | Batch: 2234044 |
| Chloride                                       | 27.2   | 20.0      | 1        | 1          | 08/17/22 | 08/17/22 |                |
|                                                |        |           |          |            |          |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 1:54:08PM |

### **CS-149**

|                                                |        | Reporting |        |          |          |          |                |
|------------------------------------------------|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion     | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234040 |
| Benzene                                        | ND     | 0.0250    | 1      |          | 08/16/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      |          | 08/16/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      | l        | 08/16/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      | l        | 08/16/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      | l        | 08/16/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      | l        | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  | ·      | 99.3 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 99.4 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 105 %     | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     |        | mg/kg     |        | Analyst: | IY       |          | Batch: 2234040 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      | l        | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 99.3 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 99.4 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 105 %     | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: | л        |          | Batch: 2234035 |
| Diesel Range Organics (C10-C28)                | 95.2   | 25.0      | 1      |          | 08/17/22 | 08/17/22 | _              |
| Oil Range Organics (C28-C36)                   | 98.9   | 50.0      | 1      |          | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 84.4 %    | 50-200 |          | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: | RAS      |          | Batch: 2234044 |
| 11110113 by E111 500:0/703011                  |        |           |        |          |          |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 1:54:08PM |

### CS-150

|                                                |        | Reporting |        |          |          |          |                |
|------------------------------------------------|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | ıtion    | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234040 |
| Benzene                                        | ND     | 0.0250    |        | 1        | 08/16/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    |        | 1        | 08/16/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    |        | 1        | 08/16/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    |        | 1        | 08/16/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    |        | 1        | 08/16/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | į      | 1        | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 99.6 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.0 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 104 %     | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234040 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      |        | 1        | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 99.6 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.0 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 104 %     | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: | ЛL       |          | Batch: 2234035 |
| Diesel Range Organics (C10-C28)                | 25.2   | 25.0      |        | 1        | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      |        | 1        | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 85.7 %    | 50-200 |          | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: | RAS      |          | Batch: 2234044 |
|                                                |        |           |        |          | 08/17/22 | 08/17/22 |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 1:54:08PM |

### **CS-151**

|                                                |        | Reporting |        |          |          |          |                |
|------------------------------------------------|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion     | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234040 |
| Benzene                                        | ND     | 0.0250    | 1      |          | 08/16/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      |          | 08/16/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      |          | 08/16/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      |          | 08/16/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      |          | 08/16/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      |          | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 101 %     | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.5 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 105 %     | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | -      | Analyst: | IY       |          | Batch: 2234040 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      |          | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 101 %     | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.5 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 105 %     | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: | JL       |          | Batch: 2234035 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0      | 1      |          | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      | 1      |          | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 84.5 %    | 50-200 |          | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: | RAS      |          | Batch: 2234044 |
| Amons by ETA 500.0/3050A                       |        |           |        |          |          |          |                |



| EC  | OG Resources       | Project Name:    | Ocotillo ACI Federal #1 |                     |
|-----|--------------------|------------------|-------------------------|---------------------|
| 104 | 4 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Art | tesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 1:54:08PM |

### **CS-152**

|                                                |        | Reporting |        |          |          |          |                |
|------------------------------------------------|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | ıtion    | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234040 |
| Benzene                                        | ND     | 0.0250    | 1      | 1        | 08/16/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      | 1        | 08/16/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      | 1        | 08/16/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      | 1        | 08/16/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      | 1        | 08/16/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      | 1        | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 99.8 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.6 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %     | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234040 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      | 1        | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 99.8 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.6 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %     | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: | JL       |          | Batch: 2234035 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0      | 1      | 1        | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      | 1      | 1        | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 84.6 %    | 50-200 |          | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: | RAS      |          | Batch: 2234044 |
|                                                |        |           |        |          |          | ·        | ·              |



| EC  | OG Resources       | Project Name:    | Ocotillo ACI Federal #1 |                     |
|-----|--------------------|------------------|-------------------------|---------------------|
| 104 | 4 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Art | tesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 1:54:08PM |

### **CS-153**

|                                                |        | Reporting |        |             |          |          |                |
|------------------------------------------------|--------|-----------|--------|-------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion        | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     | I      | Analyst: I  | ď        |          | Batch: 2234040 |
| Benzene                                        | ND     | 0.0250    | 1      |             | 08/16/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      |             | 08/16/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      |             | 08/16/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      |             | 08/16/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      |             | 08/16/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      |             | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 101 %     | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 100 %     | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 106 %     | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | 1      | Analyst: I  | Y        |          | Batch: 2234040 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      |             | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 101 %     | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 100 %     | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 106 %     | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: JI |          |          | Batch: 2234035 |
| Diesel Range Organics (C10-C28)                | 26.7   | 25.0      | 1      |             | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      | 1      |             | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 83.1 %    | 50-200 |             | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | 1      | Analyst: R  | AS       |          | Batch: 2234044 |
|                                                |        |           |        |             |          | ·        |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 1:54:08PM |

### CS-154

|                                                |        | Reporting |        |             |          |                |
|------------------------------------------------|--------|-----------|--------|-------------|----------|----------------|
| Analyte                                        | Result | Limit     | Diluti | on Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     | A      | nalyst: IY  |          | Batch: 2234040 |
| Benzene                                        | ND     | 0.0500    | 2      | 08/16/22    | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0500    | 2      | 08/16/22    | 08/18/22 |                |
| Toluene                                        | ND     | 0.0500    | 2      | 08/16/22    | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0500    | 2      | 08/16/22    | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.100     | 2      | 08/16/22    | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0500    | 2      | 08/16/22    | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 101 %     | 70-130 | 08/16/22    | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 100 %     | 70-130 | 08/16/22    | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 102 %     | 70-130 | 08/16/22    | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | A      | nalyst: IY  |          | Batch: 2234040 |
| Gasoline Range Organics (C6-C10)               | ND     | 40.0      | 2      | 08/16/22    | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 101 %     | 70-130 | 08/16/22    | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 100 %     | 70-130 | 08/16/22    | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 102 %     | 70-130 | 08/16/22    | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | A      | nalyst: JL  |          | Batch: 2234035 |
| Diesel Range Organics (C10-C28)                | 175    | 50.0      | 2      | 08/17/22    | 08/17/22 | _              |
| Oil Range Organics (C28-C36)                   | 169    | 100       | 2      | 08/17/22    | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 84.8 %    | 50-200 | 08/17/22    | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | A      | nalyst: RAS |          | Batch: 2234044 |
|                                                |        |           |        |             |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 1:54:08PM |

### CS-155 E208084-19

|                                                |        | 120000117          |        |              |       |          |                |
|------------------------------------------------|--------|--------------------|--------|--------------|-------|----------|----------------|
| Analyte                                        | Result | Reporting<br>Limit | Dilu   | tion Pre     | pared | Analyzed | Notes          |
|                                                |        |                    |        |              | Parcu | Anaryzou |                |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg              |        | Analyst: IY  |       |          | Batch: 2234040 |
| Benzene                                        | ND     | 0.0500             | 2      | 2 08/        | 16/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0500             | 2      | 08/          | 16/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0500             | 2      | 08/          | 16/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0500             | 2      | 08/          | 16/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.100              | 2      | 08/          | 16/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0500             | 2      | 08/          | 16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 96.2 %             | 70-130 | 08/          | 16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.3 %             | 70-130 | 08/          | 16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %              | 70-130 | 08/          | 16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg              | 1      | Analyst: IY  |       |          | Batch: 2234040 |
| Gasoline Range Organics (C6-C10)               | ND     | 40.0               | 2      | 08/          | 16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 96.2 %             | 70-130 | 08/          | 16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.3 %             | 70-130 | 08/          | 16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %              | 70-130 | 08/          | 16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg              | 1      | Analyst: JL  |       |          | Batch: 2234035 |
| Diesel Range Organics (C10-C28)                | 229    | 50.0               | 2      | 08/          | 17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 230    | 100                | 2      | 08/          | 17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 85.1 %             | 50-200 | 08/          | 17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg              |        | Analyst: RAS |       |          | Batch: 2234044 |
| Chloride                                       | 134    | 20.0               | 1      | 08/          | 17/22 | 08/17/22 |                |
|                                                |        |                    |        |              |       |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 1:54:08PM |

### CS-156 E208084-20

|                                                |        | Reporting |        |              |          |                |
|------------------------------------------------|--------|-----------|--------|--------------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilut  | ion Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     | A      | Analyst: IY  |          | Batch: 2234040 |
| Benzene                                        | ND     | 0.0250    | 1      | 08/16/22     | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      | 08/16/22     | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      | 08/16/22     | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      | 08/16/22     | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      | 08/16/22     | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      | 08/16/22     | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 99.9 %    | 70-130 | 08/16/22     | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.1 %    | 70-130 | 08/16/22     | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 106 %     | 70-130 | 08/16/22     | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | A      | Analyst: IY  |          | Batch: 2234040 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      | 08/16/22     | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 99.9 %    | 70-130 | 08/16/22     | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.1 %    | 70-130 | 08/16/22     | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 106 %     | 70-130 | 08/16/22     | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | A      | Analyst: JL  |          | Batch: 2234035 |
| Diesel Range Organics (C10-C28)                | 38.2   | 25.0      | 1      | 08/17/22     | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 58.2   | 50.0      | 1      | 08/17/22     | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 85.9 %    | 50-200 | 08/17/22     | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | A      | Analyst: RAS |          | Batch: 2234044 |
| Chloride                                       | 91.3   | 20.0      | 1      | 08/17/22     | 08/17/22 |                |



EOG Resources Project Name: Ocotillo ACI Federal #1

104 South 4th Street Project Number: 19034-0016

Artesia NM, 88210 Project Manager: Greg Crabtree 8/18/2022 1:54:08PM

| Artesia NM, 88210                |        | Project Manager:   | : G1           | reg Crabtree     |         |               |              | 8/1          | 8/2022 1:54:08PM |
|----------------------------------|--------|--------------------|----------------|------------------|---------|---------------|--------------|--------------|------------------|
|                                  | V      | olatile Organi     | c Compo        | unds by EP       | A 82601 | В             |              |              | Analyst: IY      |
| Analyte                          | Result | Reporting<br>Limit | Spike<br>Level | Source<br>Result | Rec     | Rec<br>Limits | RPD          | RPD<br>Limit |                  |
|                                  | mg/kg  | mg/kg              | mg/kg          | mg/kg            | %       | %             | %            | %            | Notes            |
| Blank (2234040-BLK1)             |        |                    |                |                  |         |               | Prepared: 08 | 8/16/22 Anal | yzed: 08/18/22   |
| 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    | 0.509  |                    | 0.500          |                  | 102     | 70-130        |              |              |                  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.487  |                    | 0.500          |                  | 97.4    | 70-130        |              |              |                  |
| Surrogate: Toluene-d8            | 0.488  |                    | 0.500          |                  | 97.6    | 70-130        |              |              |                  |
| LCS (2234040-BS1)                |        |                    |                |                  |         |               | Prepared: 08 | 8/16/22 Anal | yzed: 08/18/22   |
| Benzene                          | 2.22   | 0.0250             | 2.50           |                  | 88.7    | 70-130        |              |              |                  |
| Ethylbenzene                     | 2.25   | 0.0250             | 2.50           |                  | 89.8    | 70-130        |              |              |                  |
| Toluene                          | 2.17   | 0.0250             | 2.50           |                  | 87.0    | 70-130        |              |              |                  |
| o-Xylene                         | 2.29   | 0.0250             | 2.50           |                  | 91.6    | 70-130        |              |              |                  |
| p,m-Xylene                       | 4.46   | 0.0500             | 5.00           |                  | 89.2    | 70-130        |              |              |                  |
| Total Xylenes                    | 6.75   | 0.0250             | 7.50           |                  | 90.0    | 70-130        |              |              |                  |
| Surrogate: Bromofluorobenzene    | 0.501  |                    | 0.500          |                  | 100     | 70-130        |              |              |                  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.460  |                    | 0.500          |                  | 92.0    | 70-130        |              |              |                  |
| Surrogate: Toluene-d8            | 0.506  |                    | 0.500          |                  | 101     | 70-130        |              |              |                  |
| LCS Dup (2234040-BSD1)           |        |                    |                |                  |         |               | Prepared: 08 | 8/16/22 Anal | yzed: 08/18/22   |
| Benzene                          | 2.20   | 0.0250             | 2.50           |                  | 88.1    | 70-130        | 0.656        | 23           |                  |
| Ethylbenzene                     | 2.27   | 0.0250             | 2.50           |                  | 90.9    | 70-130        | 1.24         | 27           |                  |
| Toluene                          | 2.15   | 0.0250             | 2.50           |                  | 85.9    | 70-130        | 1.25         | 24           |                  |
| o-Xylene                         | 2.39   | 0.0250             | 2.50           |                  | 95.5    | 70-130        | 4.15         | 27           |                  |
| p,m-Xylene                       | 4.62   | 0.0500             | 5.00           |                  | 92.3    | 70-130        | 3.43         | 27           |                  |
| Total Xylenes                    | 7.00   | 0.0250             | 7.50           |                  | 93.4    | 70-130        | 3.67         | 27           |                  |
| Surrogate: Bromofluorobenzene    | 0.523  |                    | 0.500          |                  | 105     | 70-130        |              |              |                  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.467  |                    | 0.500          |                  | 93.4    | 70-130        |              |              |                  |

0.500

70-130

0.505



Surrogate: Toluene-d8

EOG ResourcesProject Name:Ocotillo ACI Federal #1Reported:104 South 4th StreetProject Number:19034-0016Artesia NM, 88210Project Manager:Greg Crabtree8/18/2022 1:54:08PM

| Nonhalogenated | Organics by | v EPA 8015D | - GRO |
|----------------|-------------|-------------|-------|
|                |             |             |       |

Analyst: IY

| Analyte | Result | Reporting<br>Limit | Spike<br>Level | Source<br>Result | Rec | Rec<br>Limits | RPD | RPD<br>Limit |       |
|---------|--------|--------------------|----------------|------------------|-----|---------------|-----|--------------|-------|
|         | mg/kg  | mg/kg              | mg/kg          | mg/kg            | %   | %             | %   | %            | Notes |

| Blank (2234040-BLK1)             |       |      |       |      |        | Prepared: 08 | 8/16/22 Ana | lyzed: 08/18/22  |
|----------------------------------|-------|------|-------|------|--------|--------------|-------------|------------------|
| Gasoline Range Organics (C6-C10) | ND    | 20.0 |       |      |        |              |             |                  |
| Surrogate: Bromofluorobenzene    | 0.509 |      | 0.500 | 102  | 70-130 |              |             |                  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.487 |      | 0.500 | 97.4 | 70-130 |              |             |                  |
| Surrogate: Toluene-d8            | 0.488 |      | 0.500 | 97.6 | 70-130 |              |             |                  |
| LCS (2234040-BS2)                |       |      |       |      |        | Prepared: 08 | 3/16/22 Ana | alyzed: 08/18/22 |
| Gasoline Range Organics (C6-C10) | 43.7  | 20.0 | 50.0  | 87.4 | 70-130 |              |             |                  |
| Surrogate: Bromofluorobenzene    | 0.524 |      | 0.500 | 105  | 70-130 |              |             |                  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.468 |      | 0.500 | 93.5 | 70-130 |              |             |                  |
| Surrogate: Toluene-d8            | 0.505 |      | 0.500 | 101  | 70-130 |              |             |                  |
| LCS Dup (2234040-BSD2)           |       |      |       |      |        | Prepared: 08 | 3/16/22 Ana | alyzed: 08/18/22 |
| Gasoline Range Organics (C6-C10) | 41.0  | 20.0 | 50.0  | 82.0 | 70-130 | 6.45         | 20          |                  |
| Surrogate: Bromofluorobenzene    | 0.477 |      | 0.500 | 95.4 | 70-130 |              |             |                  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.497 |      | 0.500 | 99.3 | 70-130 |              |             |                  |
| Surrogate: Toluene-d8            | 0.513 |      | 0.500 | 103  | 70-130 |              |             |                  |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 | Reported:           |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              |                     |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 1:54:08PM |

| Artesia NM, 88210               |                 | Project Manage              | r: Gr                   | eg Crabtree               |          |               |             | 8                 | 8/18/2022 1:54:08PM |
|---------------------------------|-----------------|-----------------------------|-------------------------|---------------------------|----------|---------------|-------------|-------------------|---------------------|
|                                 | Nonha           | logenated Or                | ganics by               | EPA 8015D                 | - DRO    | /ORO          |             |                   | Analyst: JL         |
| Analyte                         | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits | RPD<br>%    | RPD<br>Limit<br>% | Notes               |
|                                 | mg/kg           | mg/kg                       | mg/kg                   | mg/kg                     | 70       | 70            | 70          | 70                | Notes               |
| Blank (2234035-BLK1)            |                 |                             |                         |                           |          |               | Prepared: 0 | 8/16/22 An        | alyzed: 08/16/22    |
| Diesel Range Organics (C10-C28) | ND              | 25.0                        |                         |                           |          |               |             |                   |                     |
| Oil Range Organics (C28-C36)    | ND              | 50.0                        |                         |                           |          |               |             |                   |                     |
| Surrogate: n-Nonane             | 49.4            |                             | 50.0                    |                           | 98.8     | 50-200        |             |                   |                     |
| LCS (2234035-BS1)               |                 |                             |                         |                           |          |               | Prepared: 0 | 8/16/22 An        | alyzed: 08/16/22    |
| Diesel Range Organics (C10-C28) | 239             | 25.0                        | 250                     |                           | 95.7     | 38-132        |             |                   |                     |
| Surrogate: n-Nonane             | 48.2            |                             | 50.0                    |                           | 96.3     | 50-200        |             |                   |                     |
| LCS Dup (2234035-BSD1)          |                 |                             |                         |                           |          |               | Prepared: 0 | 8/16/22 An        | alyzed: 08/16/22    |
| Diesel Range Organics (C10-C28) | 249             | 25.0                        | 250                     |                           | 99.4     | 38-132        | 3.79        | 20                | -                   |
| Surrogate: n-Nonane             | 48.5            |                             | 50.0                    |                           | 97.1     | 50-200        |             |                   |                     |

| EOG Resources Project Name: 104 South 4th Street Project Number |                 | Ocotillo ACI Federal #1<br>19034-0016 |                         |                           |          |                    |             | Reported:         |                     |  |
|-----------------------------------------------------------------|-----------------|---------------------------------------|-------------------------|---------------------------|----------|--------------------|-------------|-------------------|---------------------|--|
| Artesia NM, 88210                                               |                 | Project Manager                       |                         | Greg Crabtree             |          |                    |             | :                 | 8/18/2022 1:54:08PM |  |
|                                                                 |                 | Anions                                | by EPA                  | 300.0/9056                | 4        |                    |             |                   | Analyst: RAS        |  |
| Analyte                                                         | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg           | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>%    | RPD<br>Limit<br>% | Notes               |  |
| Blank (2234044-BLK1)                                            |                 |                                       |                         |                           |          |                    | Prepared: 0 | 8/17/22 An        | nalyzed: 08/17/22   |  |
| Chloride                                                        | ND              | 20.0                                  |                         |                           |          |                    |             |                   |                     |  |
| LCS (2234044-BS1)                                               |                 |                                       |                         |                           |          |                    | Prepared: 0 | 8/17/22 An        | nalyzed: 08/17/22   |  |
| Chloride                                                        | 248             | 20.0                                  | 250                     |                           | 99.3     | 90-110             |             |                   |                     |  |
| LCS Dup (2234044-BSD1)                                          |                 |                                       |                         |                           |          |                    | Prepared: 0 | 8/17/22 An        | nalyzed: 08/17/22   |  |
| Chloride                                                        | 245             | 20.0                                  | 250                     |                           | 98.2     | 90-110             | 1.11        | 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 Federal #1 |                |
|---|----------------------|------------------|-------------------------|----------------|
| l | 104 South 4th Street | Project Number:  | 19034-0016              | Reported:      |
| l | Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 08/18/22 13:54 |

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 | Custo | dy |
|-------|----|-------|----|
|-------|----|-------|----|

| Page | <br>of | 6 |
|------|--------|---|
|      |        |   |

| Client:             |                         |                |                      |                |               | 7        |                        | Bill To                  |               |                 |            | La                | ab Us       | se On       | ly            | ¥i:         |      |            |          | TA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | т                                         | EPA P        | rogram        |
|---------------------|-------------------------|----------------|----------------------|----------------|---------------|----------|------------------------|--------------------------|---------------|-----------------|------------|-------------------|-------------|-------------|---------------|-------------|------|------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------|---------------|
|                     | Ocatilla                |                |                      |                |               |          | ention:                | <del></del>              |               | Lab             | WO#        |                   | <b>+/</b>   | Job         |               |             |      | 1D         | 2D       | 3D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Standard                                  | CWA          | SDWA          |
|                     | Manager: 🕒 r            | en Coc         | <u>ab tree</u>       | <u>-</u>       |               | .        | dress:                 |                          |               | صا              | 202        | SOZ               | 57          |             |               | 001         |      | ×          |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{ol}}}}}}}}}}}}}}}}}}$ |                                           |              |               |
| Address             |                         |                |                      |                |               |          | , State, Zip           |                          |               | H               |            |                   |             | Analy       | sis ar        | nd Met      | hod  |            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           | <u> </u>     | RCRA          |
| City, Sta<br>Phone: | te, zip                 |                |                      |                |               | Pho      |                        |                          |               |                 | ا ہر ا     |                   |             |             |               |             |      |            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4-20-15E, 15                              | ·            | 1 ×           |
|                     | ENUIVO                  |                |                      |                |               | Ema      | ail:                   |                          |               | 200             | 8015       |                   |             |             |               |             |      |            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | NINAL CC                                  | State        | TTV           |
| Report o            |                         |                |                      | <del></del>    |               |          |                        |                          |               | ) ja            |            | 3021              | 560         | 뭐           | 300.          |             |      |            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | NIVI CO                                   | UT AZ        | '^            |
| Time<br>Sampled     | Date Sampled            | Matrix         | No. of<br>Containers | Sample ID      |               |          |                        |                          | Lab<br>Number | DRO/ORO'by 8015 | GRO/DRO by | втех by 802       | VOC by 8260 | Metals 6010 | Chloride 300. |             |      |            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           | Remarks      |               |
| <b>7:09</b>         | 8/16/1022               | 5              | 1                    | cs-            | 137           |          |                        |                          | }             | ×               | X          | X                 |             |             | X             |             |      |            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |              |               |
| 9:14                | 8/14/2022               | 5              | 1                    | ر ۲ دی         | 38            |          |                        |                          | 2             | 1               | 4          | 4                 |             |             | 4             |             |      |            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |              |               |
| 9:20                | 8/16/2022               | 5              | 1                    | <b>ς</b> Σ.    | 139           |          |                        |                          | 3             | Ш               |            | Щ                 |             |             | $\perp$       |             |      |            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |              |               |
| q: 25               | \$16120cc               | 5              | 1                    | C5-1           | 1-10          |          |                        |                          | 4             |                 |            |                   |             |             |               |             |      |            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |              |               |
| 4:30                | 8161022                 | 5              | 1                    | CS-1           | ۲/            |          |                        |                          | 5             |                 |            | Ш                 |             |             | Ш             |             |      |            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |              |               |
| 9:35                | ક્ષી6/2૦૨૧              | 5              | 5                    | C5-19          | 12            |          |                        |                          | 0             |                 |            |                   |             |             | Ш             |             |      |            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |              |               |
| 9:40                | かししいマン                  | 5              | ١                    | C5-14          | 43            |          | •                      |                          | 7             |                 |            | $\perp$           |             |             |               |             |      |            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |              |               |
| 9:44                | 8/16/1022               | 5              | 1                    | CS-14          | 14            |          |                        |                          | 8             |                 |            |                   |             |             | $\coprod$     |             |      |            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |              |               |
| 9:50                | 8/16/622                | 5              | 1                    | CS-15          | 15            |          |                        |                          | 9             |                 | Ш          | $\perp \parallel$ |             |             | Ц             |             |      |            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |              |               |
|                     | 811612022               | 5              | 1                    | C5-14          | 6             |          |                        |                          | 10            | 1               | 1          | L                 |             |             | اسل           |             |      |            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |              |               |
| Addition            | nal Instruction         | is:            |                      |                |               |          |                        |                          |               |                 |            |                   |             |             |               |             |      |            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |              |               |
|                     | pler), attest to the    |                |                      |                |               |          | tampering with or int  | tentionally mislabelling |               | cation          | •          |                   |             |             |               |             |      |            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ived on ice the day<br>°C on subsequent d |              | d or received |
| Relinquish          | ned by: (Signature      | <u>;)</u>      | Date <b>8//</b>      | 1612002        | Time<br>13:53 | <u> </u> | Received by: Sign      | - 1                      | Date 816.     | 22              | Time /     | 35                | 3           | Rece        | ived          | on ice      |      | La<br>Ø    |          | e Only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | /-<br>                                    |              |               |
|                     | ned by: (Signature      | <i></i>        | Date 8.              | 16.22          | Time<br>/55   | 50 (     | Roceiyed by (Sign      | Cht                      | B/17/2        |                 | Ţ <u>"</u> | 45                |             | T1_         | 7.            | 4           | 1    | г <u>е</u> |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | T3                                        |              |               |
| Relinguish          | ned by: Signature       | 2)             | Date                 |                | Time          |          | Received by: (Sign     | ature)                   | Date          |                 | Time       |                   |             | AVG         | Tem           | )!<br>pic_2 | '}   | AN S       |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |              | Prope         |
| Sample Ma           | trix: S - Soil, Sd - So | lid, Sg - Slud | ige, A - Aque        | ous, O - Other |               |          | <u> </u>               | -                        | Container     | Туре            | : g - g    | lass, j           | p - po      | ly/pla      | stic,         | ag - an     | nber | glass      | s, v - \ | VOA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           | 1 10000      | 44.1.00       |
| Note: Sam           | ples are discarde       | ₂d 30 days     | after result         | s are reporte  | d unless      | other a  | rrangements are m      | nade. Hazardous sam      |               |                 |            |                   |             |             |               |             |      |            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ort for the anal                          | sis of the a | oove          |
| samples is          | applicable only         | to those sa    | moles recei          | ived by the la | aboratory     | with th  | his COC. The liability | v of the laboratory is   | limited to th | e amo           | ount o     | aid fo            | r on t      | he rep      | ort.          |             |      |            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |              |               |



| Released to          | formation               |               |                      |                        |              |                                   | Chain of                                       | Custody       |                 |                 |              |              |             |                |                    |                 |         |        |          |                               | Page <u>2</u>  | of_6           |
|----------------------|-------------------------|---------------|----------------------|------------------------|--------------|-----------------------------------|------------------------------------------------|---------------|-----------------|-----------------|--------------|--------------|-------------|----------------|--------------------|-----------------|---------|--------|----------|-------------------------------|----------------|----------------|
| lmagi                | E06                     |               |                      |                        |              |                                   | Bill To                                        |               | Ţ.              |                 |              | _            | e On        |                |                    | 100             | 120     | T/     |          | - dd                          |                | rogram         |
| 71 N                 | Ocotille<br>lanager: Gr | ey Cro        | to free              | <u> </u>               | Add          | ention:<br>Iress:<br>, State, Zip |                                                |               | E <sub>a</sub>  | 208<br>208      | 08           | 4            |             | 341-           | oc ( 6<br>nd Metho | 区               | 2D      | 3D     | Sta      | ndard                         | CWA            | SDWA<br>RCRA   |
| 22 2                 | e, Zip<br>Ezuiro        |               |                      |                        | Pho<br>Ema   |                                   |                                                |               | by 8015         | by 8015         | 021          | 09           | 01          | 0.00           |                    |                 |         |        |          |                               | State<br>UT AZ | TX TX          |
| 76.45 <sup>6</sup> P | ue by:<br>Date Sampled  | Matrix        | No. of<br>Containers | Sample ID              |              |                                   |                                                | Lab<br>Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | voc by 8260  | Metals 6010 | Chloride 300.0 |                    |                 |         |        |          | X                             | Remarks        | II             |
| -                    | શીધ છ્ય                 | 5             | ١                    | CS-147                 |              |                                   |                                                | 11            | ×               | X               | ×            |              |             | X              |                    |                 |         |        |          |                               |                |                |
| /8: <u>81</u>        | 8/16/2022               | . 5           | 1                    | C5-148                 |              |                                   |                                                | 12            |                 | 1               | 1            |              |             | 1              |                    |                 |         |        |          |                               |                |                |
|                      | श्रीधिरुटर              |               | 1                    | C5-149                 |              |                                   |                                                | 13            |                 |                 |              |              |             |                |                    |                 | <u></u> |        |          |                               |                |                |
|                      | 8(1612522               |               | l                    | CS-150                 |              |                                   |                                                | 14            |                 | Ц               |              |              |             | $\perp$        |                    |                 |         |        |          |                               |                |                |
|                      | ક્રાધાલ્ય               |               | ١                    | C5-151                 |              |                                   |                                                | 15            |                 |                 |              |              |             |                |                    |                 |         |        |          |                               |                |                |
|                      | ક્ષાંબળ્ય               |               | ſ                    | CS-152                 |              |                                   |                                                | 160           |                 |                 |              |              |             |                |                    |                 |         |        |          |                               |                |                |
| 10:18                | 8/1612022               | 5             | 1                    | cs-153                 |              |                                   |                                                | 17            |                 | Ш               |              |              |             |                |                    |                 |         |        |          |                               |                |                |
|                      | 8/16/022                |               | ١                    | C5-154                 |              |                                   |                                                | 18            |                 |                 | Ш            |              |             |                |                    |                 |         |        |          |                               |                |                |
| /o:24                | 8/16/2022               | S             | ı                    | C5-155                 |              |                                   |                                                | 19            | $\coprod$       |                 |              |              |             | Д              |                    | _               |         |        |          |                               |                | _              |
|                      | साधारम                  | 5             | 1                    | CS-156                 |              |                                   |                                                | 20            | L               | 7               | 1            |              |             | T              |                    |                 |         |        |          |                               |                |                |
|                      | pler), attest to the    |               | d authenticit        | y of this sample. I ar | n aware that | t tampering with or in            | ntentionally mislabelling<br>and by: 1, George | the sample l  | ocatio          | ١,              |              |              |             |                |                    |                 |         |        |          | n ice the day<br>ubsequent di | they are sampl | ed or received |
| ıish                 | ed by: (Signatur        | e)            | — Date               | Time 16/2022 13        | 54           | Received by: (Sign                | nature                                         | 8.16.         | 22              | Time            | <u> 35</u>   | 4            | Rece        | ived           | on ice:            |                 | ab U    | se On  | nly      |                               |                |                |
| ish<br>ish           | ed by: (Signatur        | 21            | Date Date            | 16.22 13               | 50           | Received by: (Sign                | lete                                           | Date Date     | 12              | Time<br>Time    | • ,          | 5            | T1          |                |                    | <u>T2</u><br>./ |         |        | <u> </u> | ГЗ                            |                |                |
|                      | rix: S - Sail, Sd - S   | olid So - Shi | idae A - Aciii       | eous O-Other           |              |                                   |                                                | Containe      | r Tvp           | e: g - i        | glass.       | <b>p</b> - p | AVG         |                |                    | er gla          | 5S, V - | · VOA  | •        |                               |                | • **           |
| ian                  | oles are discard        | ed 30 days    | s after resul        | ts are reported un     | less other a | arrangements are r                | nade. Hazardous sa<br>ty of the laboratory is  | mples will b  | e retu          | rned t          | o clier      | t or d       | ispose      | d of a         | t the clie         | nt expe         | nse.    | The re | port fo  | r the anal                    | ysis of the a  | bove           |



@ envirotech

Printed: 8/17/2022 11:18:35AM

### **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:               | 08/17/22 09:4 | 5                   | West-Outer ID:           | E208084            |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------|---------------------|--------------------------|--------------------|
| **                                                                                                                                                 |                              |               |                     | Work Order ID:           |                    |
| Phone: (575) 748-4217<br>Email:                                                                                                                    | Date Logged In:<br>Due Date: | 08/16/22 15:4 | 8<br>00 (0 day TAT) | Logged In By:            | Caitlin Christian  |
| Email.                                                                                                                                             | Due Date.                    | 06/17/22 17.0 | (0 day 1A1)         |                          |                    |
| Chain of Custody (COC)                                                                                                                             |                              |               |                     |                          |                    |
| 1. Does the sample ID match the COC?                                                                                                               |                              | Yes           |                     |                          |                    |
| 2. Does the number of samples per sampling site location ma                                                                                        | tch the COC                  | Yes           |                     |                          |                    |
| 3. Were samples dropped off by client or carrier?                                                                                                  |                              | Yes           | Carrier: U          | JPS                      |                    |
| 4. Was the COC complete, i.e., signatures, dates/times, reque                                                                                      | sted analyses?               | Yes           |                     | <del></del>              |                    |
| 5. Were all samples received within holding time?                                                                                                  | ·                            | Yes           |                     |                          |                    |
| Note: Analysis, such as pH which should be conducted i<br>i.e, 15 minute hold time, are not included in this disucssi                              |                              |               |                     | Comment                  | s/Resolution       |
| Sample Turn Around Time (TAT)                                                                                                                      |                              |               |                     |                          |                    |
| 6. Did the COC indicate standard TAT, or Expedited TAT?                                                                                            |                              | Yes           |                     | Project has been seperat | ted into 3 reports |
| Sample Cooler                                                                                                                                      |                              |               |                     | due to amount of sample  | es. Workorders are |
| 7. Was a sample cooler received?                                                                                                                   |                              | Yes           |                     | as follows:              |                    |
| 8. If yes, was cooler received in good condition?                                                                                                  |                              | Yes           |                     | E208084 COC pg 1&2 o     | of 6 E200005 COC   |
| 9. Was the sample(s) received intact, i.e., not broken?                                                                                            |                              | Yes           |                     |                          |                    |
| 10. Were custody/security seals present?                                                                                                           |                              | No            |                     | pg 3&4 of 6, E208086 (   | OC pg 3&6 of 6.    |
| 11. If yes, were custody/security seals intact?                                                                                                    |                              | NA            |                     |                          |                    |
| 12. Was the sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples at minutes of sampling |                              | Yes           |                     |                          |                    |
| 13. If no visible ice, record the temperature. Actual sample                                                                                       | temperature: 4°0             | <u>C</u>      |                     |                          |                    |
| Sample Container                                                                                                                                   |                              |               |                     |                          |                    |
| 14. Are aqueous VOC samples present?                                                                                                               |                              | No            |                     |                          |                    |
| 15. Are VOC samples collected in VOA Vials?                                                                                                        |                              | NA            |                     |                          |                    |
| 16. Is the head space less than 6-8 mm (pea sized or less)?                                                                                        |                              | NA            |                     |                          |                    |
| 17. Was a trip blank (TB) included for VOC analyses?                                                                                               |                              | NA            |                     |                          |                    |
| 18. Are non-VOC samples collected in the correct containers                                                                                        | ?                            | Yes           |                     |                          |                    |
| 19. Is the appropriate volume/weight or number of sample contain                                                                                   | ners collected?              | Yes           |                     |                          |                    |
| Field Label                                                                                                                                        |                              |               |                     |                          |                    |
| 20. Were field sample labels filled out with the minimum info                                                                                      | ormation:                    |               |                     |                          |                    |
| Sample ID?                                                                                                                                         |                              | Yes           |                     |                          |                    |
| Date/Time Collected?                                                                                                                               |                              | Yes           | '                   |                          |                    |
| Collectors name?                                                                                                                                   |                              | Yes           |                     |                          |                    |
| Sample Preservation 21. Does the COC or field labels indicate the samples were p                                                                   | reserved?                    | No            |                     |                          |                    |
| 22. Are sample(s) correctly preserved?                                                                                                             | reserved:                    | NA            |                     |                          |                    |
| 22. Are sample(s) correctly preserved:  24. Is lab filteration required and/or requested for dissolved r.                                          | netals?                      | No            |                     |                          |                    |
| ·                                                                                                                                                  | neurs:                       | INO           |                     |                          |                    |
| Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multipha                                                              | 9                            | 3.7           |                     |                          |                    |
|                                                                                                                                                    |                              | No            |                     |                          |                    |
| 27. If yes, does the COC specify which phase(s) is to be analyzed.                                                                                 | yzed?                        | NA            |                     |                          |                    |
| Subcontract Laboratory                                                                                                                             |                              |               |                     |                          |                    |
| 28. Are samples required to get sent to a subcontract laborate                                                                                     | •                            | No            |                     |                          |                    |
| 29. Was a subcontract laboratory specified by the client and i                                                                                     | f so who?                    | NA Su         | bcontract Lab       | : na                     |                    |
| Client Instruction                                                                                                                                 |                              |               |                     |                          |                    |
|                                                                                                                                                    |                              |               |                     |                          |                    |
|                                                                                                                                                    |                              |               |                     |                          |                    |
|                                                                                                                                                    |                              |               |                     |                          |                    |
|                                                                                                                                                    |                              |               |                     |                          |                    |
|                                                                                                                                                    |                              |               |                     |                          |                    |
|                                                                                                                                                    |                              |               |                     |                          |                    |
|                                                                                                                                                    |                              |               |                     |                          |                    |
|                                                                                                                                                    |                              |               |                     |                          |                    |

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: E208085

Job Number: 19034-0016

Received: 8/17/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/18/22

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: 8/18/22

Greg Crabtree 104 South 4th Street Artesia, NM 88210

Project Name: Ocotillo ACI Federal #1

Workorder: E208085

Date Received: 8/17/2022 9:45:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/17/2022 9:45:00AM, 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

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



# **Table of Contents**

| Title Page        | 1  |
|-------------------|----|
| Cover Page        | 2  |
| Table of Contents | 3  |
| Sample Summary    | 5  |
| Sample Data       | 6  |
| CS-157            | 6  |
| CS-158            | 7  |
| CS-159            | 8  |
| CS-160            | 9  |
| CS-161            | 10 |
| CS-162            | 11 |
| CS-163            | 12 |
| CS-164            | 13 |
| CS-165            | 14 |
| CS-166            | 15 |
| CS-167            | 16 |
| CS-168            | 17 |
| CS-169            | 18 |
| CS-170            | 19 |
| CS-171            | 20 |
| CS-172            | 21 |
| CS-173            | 22 |
| CS-174            | 23 |
| CS-175            | 24 |
| CS-176            | 25 |

# Table of Contents (continued)

| QC Summary Data                                     | 26 |
|-----------------------------------------------------|----|
| QC - Volatile Organic Compounds by EPA 8260B        | 26 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO     | 27 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 28 |
| QC - Anions by EPA 300.0/9056A                      | 29 |
| Definitions and Notes                               | 30 |
| Chain of Custody etc.                               | 31 |

### **Sample Summary**

| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 | Donorate de    |
|----------------------|------------------|-------------------------|----------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:      |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 08/18/22 14:08 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| CS-157           | E208085-01A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-158           | E208085-02A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-159           | E208085-03A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-160           | E208085-04A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-161           | E208085-05A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-162           | E208085-06A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-163           | E208085-07A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-164           | E208085-08A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-165           | E208085-09A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-166           | E208085-10A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-167           | E208085-11A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-168           | E208085-12A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-169           | E208085-13A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-170           | E208085-14A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-171           | E208085-15A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-172           | E208085-16A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-173           | E208085-17A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-174           | E208085-18A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-175           | E208085-19A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-176           | E208085-20A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |



EOG ResourcesProject Name:Ocotillo ACI Federal #1104 South 4th StreetProject Number:19034-0016Reported:Artesia NM, 88210Project Manager:Greg Crabtree8/18/2022 2:08:40PM

### **CS-157**

|        | Reporting                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Result | Limit                                    | Dil                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | lution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Prepared                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Analyzed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Notes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| mg/kg  | mg/kg                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Analyst:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Batch: 2234041                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| ND     | 0.0250                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 08/16/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 08/17/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ND     | 0.0250                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 08/16/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 08/17/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ND     | 0.0250                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 08/16/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 08/17/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ND     | 0.0250                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 08/16/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 08/17/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ND     | 0.0500                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 08/16/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 08/17/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ND     | 0.0250                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 08/16/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 08/17/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|        | 94.3 %                                   | 70-130                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 08/16/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 08/17/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|        | 92.8 %                                   | 70-130                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 08/16/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 08/17/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|        | 100 %                                    | 70-130                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 08/16/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 08/17/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| mg/kg  | mg/kg                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Analyst:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Batch: 2234041                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| ND     | 20.0                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 08/16/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 08/17/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|        | 94.3 %                                   | 70-130                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 08/16/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 08/17/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|        | 92.8 %                                   | 70-130                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 08/16/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 08/17/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|        | 100 %                                    | 70-130                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 08/16/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 08/17/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| mg/kg  | mg/kg                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Analyst:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | JL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Batch: 2234033                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 106    | 25.0                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 08/17/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 08/17/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 139    | 50.0                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 08/17/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 08/17/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|        | 96.3 %                                   | 50-200                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 08/17/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 08/17/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|        | mg/kg                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Analyst:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | RAS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Batch: 2234045                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| mg/kg  | IIIg/Kg                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Datem 225 10 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|        | mg/kg ND ND ND ND ND ND ND ND ND 106 139 | 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         92.8 %           100 %         100 %           mg/kg         mg/kg           92.8 %         100 %           mg/kg         mg/kg           100 %         50.0           96.3 %         96.3 % | 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           94.3 %         70-130           92.8 %         70-130           100 %         70-130           92.8 %         70-130           92.8 %         70-130           100 %         70-130           mg/kg         mg/kg           106         25.0           139         50.0 | 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           92.8 %         70-130           100 %         70-130           mg/kg         mg/kg         Analyst:           ND         20.0         1           92.8 %         70-130         1           mg/kg         mg/kg         Analyst:           100 %         70-130         1           mg/kg         mg/kg         Analyst:           106         25.0         1           139         50.0         1 | Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         08/16/22           ND         0.0250         1         08/16/22           ND         0.0250         1         08/16/22           ND         0.0250         1         08/16/22           ND         0.0500         1         08/16/22           ND         0.0250         1         08/16/22           ND         0.0250         1         08/16/22           92.8 %         70-130         08/16/22           100 %         70-130         08/16/22           100 %         70-130         08/16/22           92.8 %         70-130         08/16/22           92.8 %         70-130         08/16/22           100 %         70-130         08/16/22           100 %         70-130         08/16/22           100 %         70-130         08/16/22           100 %         70-130         08/16/22           100 %         70-130         08/16/22           100 %         70-130         08/16/22           106         25.0         < | Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY         Analyst: IY           ND         0.0250         1         08/16/22         08/17/22           ND         0.0500         1         08/16/22         08/17/22           ND         0.0250         1         08/16/22         08/17/22           ND         0.0250         1         08/16/22         08/17/22           92.8 %         70-130         08/16/22         08/17/22           92.8 %         70-130         08/16/22         08/17/22           mg/kg         mg/kg         Analyst: IY         ND         20.0         1         08/16/22         08/17/22           mg/kg         mg/kg         Analyst: IY         08/16/22         08/17/22         08/17/22           mg/kg         mg/kg         Analyst: JL         08/16/22         08/17/22         08/17/22           mg/kg         mg/kg< |



| EOG Resources   |       | Project Name:    | Ocotillo ACI Federal #1 |                     |
|-----------------|-------|------------------|-------------------------|---------------------|
| 104 South 4th S | treet | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88  | 210   | Project Manager: | Greg Crabtree           | 8/18/2022 2:08:40PM |

### **CS-158**

|                                                |        | Reporting |        |             |          |          |                |
|------------------------------------------------|--------|-----------|--------|-------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion        | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     | 1      | Analyst: IY |          |          | Batch: 2234041 |
| Benzene                                        | ND     | 0.0500    | 2      | 2           | 08/16/22 | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0500    | 2      | 2           | 08/16/22 | 08/17/22 |                |
| Toluene                                        | ND     | 0.0500    | 2      | 2           | 08/16/22 | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0500    | 2      | 2           | 08/16/22 | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.100     | 2      | 2           | 08/16/22 | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0500    | 2      | 2           | 08/16/22 | 08/17/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 97.8 %    | 70-130 |             | 08/16/22 | 08/17/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.2 %    | 70-130 |             | 08/16/22 | 08/17/22 |                |
| Surrogate: Toluene-d8                          |        | 100 %     | 70-130 |             | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | 1      | Analyst: IY |          |          | Batch: 2234041 |
| Gasoline Range Organics (C6-C10)               | ND     | 40.0      | 2      | 2           | 08/16/22 | 08/17/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 97.8 %    | 70-130 |             | 08/16/22 | 08/17/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.2 %    | 70-130 |             | 08/16/22 | 08/17/22 |                |
| Surrogate: Toluene-d8                          |        | 100 %     | 70-130 |             | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: JL |          |          | Batch: 2234033 |
| Diesel Range Organics (C10-C28)                | 201    | 25.0      | 1      |             | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 239    | 50.0      | 1      | l           | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 90.1 %    | 50-200 |             | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | 1      | Analyst: RA | S        |          | Batch: 2234045 |
| 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 Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 2:08:40PM |

### CS-159

|                                                |        | Reporting |        |          |          |          |                |
|------------------------------------------------|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion     | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234041 |
| Benzene                                        | ND     | 0.0250    | 1      | l        | 08/16/22 | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      | l        | 08/16/22 | 08/17/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      | l        | 08/16/22 | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      | 1        | 08/16/22 | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      | 1        | 08/16/22 | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      | l        | 08/16/22 | 08/17/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 97.0 %    | 70-130 |          | 08/16/22 | 08/17/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 94.5 %    | 70-130 |          | 08/16/22 | 08/17/22 |                |
| Surrogate: Toluene-d8                          |        | 98.0 %    | 70-130 |          | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234041 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      | <u> </u> | 08/16/22 | 08/17/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 97.0 %    | 70-130 |          | 08/16/22 | 08/17/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 94.5 %    | 70-130 |          | 08/16/22 | 08/17/22 |                |
| Surrogate: Toluene-d8                          |        | 98.0 %    | 70-130 |          | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: | л        |          | Batch: 2234033 |
| Diesel Range Organics (C10-C28)                | 127    | 25.0      | 1      |          | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 143    | 50.0      | 1      | [        | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 94.2 %    | 50-200 |          | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: | RAS      |          | Batch: 2234045 |
|                                                |        |           |        |          |          |          |                |



EOG ResourcesProject Name:Ocotillo ACI Federal #1104 South 4th StreetProject Number:19034-0016Reported:Artesia NM, 88210Project Manager:Greg Crabtree8/18/2022 2:08:40PM

**CS-160** 

|                                                |        | Reporting |        |             |          |          |                |
|------------------------------------------------|--------|-----------|--------|-------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilut  | tion        | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     | A      | Analyst: IY | 7        |          | Batch: 2234041 |
| Benzene                                        | ND     | 0.0250    | 1      |             | 08/16/22 | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      |             | 08/16/22 | 08/17/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      |             | 08/16/22 | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      |             | 08/16/22 | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      |             | 08/16/22 | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      |             | 08/16/22 | 08/17/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 96.2 %    | 70-130 |             | 08/16/22 | 08/17/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 101 %     | 70-130 |             | 08/16/22 | 08/17/22 |                |
| Surrogate: Toluene-d8                          |        | 99.3 %    | 70-130 |             | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | I      | Analyst: IY | 7        |          | Batch: 2234041 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      |             | 08/16/22 | 08/17/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 96.2 %    | 70-130 |             | 08/16/22 | 08/17/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 101 %     | 70-130 |             | 08/16/22 | 08/17/22 |                |
| Surrogate: Toluene-d8                          |        | 99.3 %    | 70-130 |             | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | I      | Analyst: JL |          |          | Batch: 2234033 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0      | 1      |             | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      | 1      |             | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 92.1 %    | 50-200 |             | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | A      | Analyst: R  | AS       |          | Batch: 2234045 |
|                                                |        |           |        |             |          |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 2:08:40PM |

### CS-161

|                                                |        | Reporting |        |            |          |          |                |
|------------------------------------------------|--------|-----------|--------|------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion       | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst:   | IY       |          | Batch: 2234041 |
| Benzene                                        | ND     | 0.0250    | 1      |            | 08/16/22 | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      |            | 08/16/22 | 08/17/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      |            | 08/16/22 | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      |            | 08/16/22 | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      |            | 08/16/22 | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      |            | 08/16/22 | 08/17/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 95.6 %    | 70-130 |            | 08/16/22 | 08/17/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 102 %     | 70-130 |            | 08/16/22 | 08/17/22 |                |
| Surrogate: Toluene-d8                          |        | 96.8 %    | 70-130 |            | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | ٠      | Analyst:   | IY       |          | Batch: 2234041 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      |            | 08/16/22 | 08/17/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 95.6 %    | 70-130 |            | 08/16/22 | 08/17/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 102 %     | 70-130 |            | 08/16/22 | 08/17/22 |                |
| Surrogate: Toluene-d8                          |        | 96.8 %    | 70-130 |            | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: . | JL       |          | Batch: 2234033 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0      | 1      |            | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      | 1      |            | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 105 %     | 50-200 | ·          | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst:   | RAS      |          | Batch: 2234045 |
|                                                |        |           |        |            |          |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 2:08:40PM |

### CS-162

|                                                |        | Reporting |        |          |          |          |                |
|------------------------------------------------|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Di     | lution   | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234041 |
| Benzene                                        | ND     | 0.0250    |        | 1        | 08/16/22 | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    |        | 1        | 08/16/22 | 08/17/22 |                |
| Toluene                                        | ND     | 0.0250    |        | 1        | 08/16/22 | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0250    |        | 1        | 08/16/22 | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    |        | 1        | 08/16/22 | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0250    |        | 1        | 08/16/22 | 08/17/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 95.2 %    | 70-130 |          | 08/16/22 | 08/17/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 102 %     | 70-130 |          | 08/16/22 | 08/17/22 |                |
| Surrogate: Toluene-d8                          |        | 98.7 %    | 70-130 |          | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234041 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      |        | 1        | 08/16/22 | 08/17/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 95.2 %    | 70-130 |          | 08/16/22 | 08/17/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 102 %     | 70-130 |          | 08/16/22 | 08/17/22 |                |
| Surrogate: Toluene-d8                          |        | 98.7 %    | 70-130 |          | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: | JL       |          | Batch: 2234033 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0      |        | 1        | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      |        | 1        | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 94.2 %    | 50-200 |          | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: | RAS      |          | Batch: 2234045 |
| Chloride                                       | 62.5   | 20.0      |        | 1        | 08/17/22 | 08/17/22 |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 2:08:40PM |

### **CS-163**

|                                                |        | Reporting |        |              |          |                |
|------------------------------------------------|--------|-----------|--------|--------------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilut  | ion Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     | Α      | Analyst: IY  |          | Batch: 2234041 |
| Benzene                                        | ND     | 0.0250    | 1      | 08/16/22     | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      | 08/16/22     | 08/17/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      | 08/16/22     | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      | 08/16/22     | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      | 08/16/22     | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      | 08/16/22     | 08/17/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 95.2 %    | 70-130 | 08/16/22     | 08/17/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 98.0 %    | 70-130 | 08/16/22     | 08/17/22 |                |
| Surrogate: Toluene-d8                          |        | 97.5 %    | 70-130 | 08/16/22     | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Α      | Analyst: IY  |          | Batch: 2234041 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      | 08/16/22     | 08/17/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 95.2 %    | 70-130 | 08/16/22     | 08/17/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 98.0 %    | 70-130 | 08/16/22     | 08/17/22 |                |
| Surrogate: Toluene-d8                          |        | 97.5 %    | 70-130 | 08/16/22     | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Α      | Analyst: JL  |          | Batch: 2234033 |
| Diesel Range Organics (C10-C28)                | 40.9   | 25.0      | 1      | 08/17/22     | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 57.0   | 50.0      | 1      | 08/17/22     | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 109 %     | 50-200 | 08/17/22     | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | A      | Analyst: RAS |          | Batch: 2234045 |
| Allons by EFA 500.0/9050A                      | 0 0    | <u> </u>  |        |              |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 2:08:40PM |

### CS-164

|                                                |        | Reporting |        |            |          |          |                |
|------------------------------------------------|--------|-----------|--------|------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion       | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: 1 | IY       |          | Batch: 2234041 |
| Benzene                                        | ND     | 0.0250    | 1      |            | 08/16/22 | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      |            | 08/16/22 | 08/17/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      | Į.         | 08/16/22 | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      | Į.         | 08/16/22 | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      | Į.         | 08/16/22 | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      |            | 08/16/22 | 08/17/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 95.6 %    | 70-130 |            | 08/16/22 | 08/17/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.1 %    | 70-130 |            | 08/16/22 | 08/17/22 |                |
| Surrogate: Toluene-d8                          |        | 99.0 %    | 70-130 |            | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: 1 | IY       |          | Batch: 2234041 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      |            | 08/16/22 | 08/17/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 95.6 %    | 70-130 |            | 08/16/22 | 08/17/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.1 %    | 70-130 |            | 08/16/22 | 08/17/22 |                |
| Surrogate: Toluene-d8                          |        | 99.0 %    | 70-130 |            | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: . | JL       |          | Batch: 2234033 |
| Diesel Range Organics (C10-C28)                | 112    | 25.0      | 1      |            | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 142    | 50.0      | 1      |            | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 101 %     | 50-200 |            | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: 1 | RAS      |          | Batch: 2234045 |
| Amons by ETA 500.0/7030A                       |        |           |        |            |          |          |                |



| EOG Resources   |       | Project Name:    | Ocotillo ACI Federal #1 |                     |
|-----------------|-------|------------------|-------------------------|---------------------|
| 104 South 4th S | treet | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88  | 210   | Project Manager: | Greg Crabtree           | 8/18/2022 2:08:40PM |

### CS-165 E208085-09

|                                                |        | E200000 07         |        |             |          |                |
|------------------------------------------------|--------|--------------------|--------|-------------|----------|----------------|
| Analyte                                        | Result | Reporting<br>Limit | Diluti | on Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg              | A      | nalyst: IY  |          | Batch: 2234041 |
| Benzene                                        | ND     | 0.0250             | 1      | 08/16/22    | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250             | 1      | 08/16/22    | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250             | 1      | 08/16/22    | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250             | 1      | 08/16/22    | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500             | 1      | 08/16/22    | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250             | 1      | 08/16/22    | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 95.5 %             | 70-130 | 08/16/22    | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 95.4 %             | 70-130 | 08/16/22    | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 98.4 %             | 70-130 | 08/16/22    | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg              | A      | nalyst: IY  |          | Batch: 2234041 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0               | 1      | 08/16/22    | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 95.5 %             | 70-130 | 08/16/22    | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 95.4 %             | 70-130 | 08/16/22    | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 98.4 %             | 70-130 | 08/16/22    | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg              | A      | nalyst: JL  |          | Batch: 2234033 |
| Diesel Range Organics (C10-C28)                | 194    | 25.0               | 1      | 08/17/22    | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 237    | 50.0               | 1      | 08/17/22    | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 104 %              | 50-200 | 08/17/22    | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg              | A      | nalyst: RAS |          | Batch: 2234045 |
| Chloride                                       | 36.0   | 20.0               | 1      | 08/17/22    | 08/17/22 |                |
|                                                |        |                    |        |             |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 2:08:40PM |

### CS-166 E208085-10

|                                                |        | 1200003-10         |        |          |          |          |                |
|------------------------------------------------|--------|--------------------|--------|----------|----------|----------|----------------|
| Analyte                                        | Result | Reporting<br>Limit | Dil    | ution    | Prepared | Analyzed | Notes          |
| Anaryte                                        | Resuit | Limit              | Dill   | ution    | Prepared | Anaryzeu | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg              |        | Analyst  | IY       |          | Batch: 2234041 |
| Benzene                                        | ND     | 0.0250             |        | 1        | 08/16/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250             |        | 1        | 08/16/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250             |        | 1        | 08/16/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250             |        | 1        | 08/16/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500             |        | 1        | 08/16/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250             |        | 1        | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 97.1 %             | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 95.4 %             | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 99.5 %             | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg              |        | Analyst: | IY       |          | Batch: 2234041 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0               |        | 1        | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 97.1 %             | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 95.4 %             | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 99.5 %             | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg              |        | Analyst: | JL       |          | Batch: 2234033 |
| Diesel Range Organics (C10-C28)                | 108    | 25.0               |        | 1        | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 131    | 50.0               |        | 1        | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 96.9 %             | 50-200 |          | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg              |        | Analyst: | RAS      |          | Batch: 2234045 |
| Chloride                                       | 192    | 20.0               |        | 1        | 08/17/22 | 08/17/22 |                |



| EOG Resources   |       | Project Name:    | Ocotillo ACI Federal #1 |                     |
|-----------------|-------|------------------|-------------------------|---------------------|
| 104 South 4th S | treet | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88  | 210   | Project Manager: | Greg Crabtree           | 8/18/2022 2:08:40PM |

### **CS-167**

|                                                |        | Reporting |        |          |          |          |                |
|------------------------------------------------|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dil    | ution    | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst  | IY       |          | Batch: 2234041 |
| Benzene                                        | ND     | 0.0250    |        | 1        | 08/16/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    |        | 1        | 08/16/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    |        | 1        | 08/16/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    |        | 1        | 08/16/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    |        | 1        | 08/16/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    |        | 1        | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 96.3 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.3 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 100 %     | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234041 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      |        | 1        | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 96.3 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.3 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 100 %     | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: | JL       |          | Batch: 2234033 |
| Diesel Range Organics (C10-C28)                | 64.1   | 25.0      |        | 1        | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 78.3   | 50.0      |        | 1        | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 107 %     | 50-200 |          | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst  | RAS      |          | Batch: 2234045 |
| Chloride                                       | 90.6   | 20.0      |        | 1        | 08/17/22 | 08/17/22 |                |



| EOG Resources   |       | Project Name:    | Ocotillo ACI Federal #1 |                     |
|-----------------|-------|------------------|-------------------------|---------------------|
| 104 South 4th S | treet | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88  | 210   | Project Manager: | Greg Crabtree           | 8/18/2022 2:08:40PM |

### **CS-168**

|                                                |        | Reporting |        |            |          |          |                |
|------------------------------------------------|--------|-----------|--------|------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion       | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     | I      | Analyst: I | Y        |          | Batch: 2234041 |
| Benzene                                        | ND     | 0.0250    | 1      |            | 08/16/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      |            | 08/16/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      |            | 08/16/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      |            | 08/16/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      |            | 08/16/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      |            | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 96.1 %    | 70-130 |            | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 92.6 %    | 70-130 |            | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 100 %     | 70-130 |            | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | 1      | Analyst: I | Y        |          | Batch: 2234041 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      |            | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 96.1 %    | 70-130 |            | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 92.6 %    | 70-130 |            | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 100 %     | 70-130 |            | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | 1      | Analyst: J | L        |          | Batch: 2234033 |
| Diesel Range Organics (C10-C28)                | 158    | 25.0      | 1      |            | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 178    | 50.0      | 1      |            | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            | ·      | 108 %     | 50-200 |            | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | 1      | Analyst: F | RAS      |          | Batch: 2234045 |
| · ·                                            | 20.3   | 20.0      | 1      |            | 08/17/22 | 08/17/22 | ·              |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 2:08:40PM |

### **CS-169**

|                                                | · · ·  | Reporting |        |          |          |          |                |
|------------------------------------------------|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Di     | lution   | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234041 |
| Benzene                                        | ND     | 0.0250    |        | 1        | 08/16/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    |        | 1        | 08/16/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    |        | 1        | 08/16/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    |        | 1        | 08/16/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    |        | 1        | 08/16/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    |        | 1        | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 92.6 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 98.4 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 101 %     | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234041 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      |        | 1        | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 92.6 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 98.4 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 101 %     | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: | ЛL       |          | Batch: 2234033 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0      |        | 1        | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      |        | 1        | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 96.7 %    | 50-200 |          | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: | RAS      |          | Batch: 2234045 |
| Chloride                                       | ND     | 20.0      |        | 1        | 08/17/22 | 08/17/22 |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 2:08:40PM |

### CS-170

|                                                |        | Reporting |        |            |          |          |                |
|------------------------------------------------|--------|-----------|--------|------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion       | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: I | Y        |          | Batch: 2234041 |
| Benzene                                        | ND     | 0.0250    | 1      |            | 08/16/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      |            | 08/16/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      |            | 08/16/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      |            | 08/16/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      |            | 08/16/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      |            | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 92.6 %    | 70-130 |            | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 99.4 %    | 70-130 |            | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 98.7 %    | 70-130 |            | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: I | Y        |          | Batch: 2234041 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      |            | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 92.6 %    | 70-130 |            | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 99.4 %    | 70-130 |            | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 98.7 %    | 70-130 |            | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: J | πL       |          | Batch: 2234033 |
| Diesel Range Organics (C10-C28)                | 50.5   | 25.0      | 1      |            | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 99.5   | 50.0      | 1      |            | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 78.6 %    | 50-200 |            | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: I | RAS      |          | Batch: 2234045 |
|                                                |        |           |        |            |          |          |                |



EOG ResourcesProject Name:Ocotillo ACI Federal #1104 South 4th StreetProject Number:19034-0016Reported:Artesia NM, 88210Project Manager:Greg Crabtree8/18/2022 2:08:40PM

### **CS-171**

|                                                |        | Reporting |        |             |          |          |                |
|------------------------------------------------|--------|-----------|--------|-------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilut  | tion        | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     | A      | Analyst: IY |          |          | Batch: 2234041 |
| Benzene                                        | ND     | 0.0250    | 1      |             | 08/16/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      |             | 08/16/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      |             | 08/16/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      |             | 08/16/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      |             | 08/16/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      |             | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 90.7 %    | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.9 %    | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 100 %     | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | A      | Analyst: IY |          |          | Batch: 2234041 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      |             | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 90.7 %    | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.9 %    | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 100 %     | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | A      | Analyst: JL |          |          | Batch: 2234033 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0      | 1      |             | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      | 1      |             | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 81.7 %    | 50-200 |             | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | A      | Analyst: RA | S        |          | Batch: 2234045 |
| -                                              | 78.4   | 20.0      | 1      |             | 08/17/22 | 08/17/22 |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 2:08:40PM |

### **CS-172**

|                                                |        | Reporting |        |            |          |          |                |
|------------------------------------------------|--------|-----------|--------|------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion       | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: I | Y        |          | Batch: 2234041 |
| Benzene                                        | ND     | 0.0250    | 1      |            | 08/16/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      |            | 08/16/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      |            | 08/16/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      |            | 08/16/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      |            | 08/16/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      |            | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 91.8 %    | 70-130 |            | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.7 %    | 70-130 |            | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 98.7 %    | 70-130 |            | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | ٠      | Analyst: I | Y        |          | Batch: 2234041 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      |            | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 91.8 %    | 70-130 |            | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.7 %    | 70-130 |            | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 98.7 %    | 70-130 |            | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: J | L        |          | Batch: 2234033 |
| Diesel Range Organics (C10-C28)                | 52.1   | 25.0      | 1      |            | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 68.5   | 50.0      | 1      |            | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 81.3 %    | 50-200 |            | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: F | RAS      |          | Batch: 2234045 |
| Chloride                                       | 114    | 20.0      | 1      |            | 08/17/22 | 08/17/22 |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 2:08:40PM |

### **CS-173**

|                                                |        | Reporting |        |             |          |          |                |
|------------------------------------------------|--------|-----------|--------|-------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion        | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     | 1      | Analyst: IY |          |          | Batch: 2234041 |
| Benzene                                        | ND     | 0.0250    | 1      |             | 08/16/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      |             | 08/16/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      |             | 08/16/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      |             | 08/16/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      |             | 08/16/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      |             | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 94.1 %    | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 98.3 %    | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 102 %     | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | 1      | Analyst: IY | -        |          | Batch: 2234041 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      |             | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 94.1 %    | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 98.3 %    | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 102 %     | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | 1      | Analyst: JL |          |          | Batch: 2234033 |
| Diesel Range Organics (C10-C28)                | 143    | 50.0      | 2      | !           | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 188    | 100       | 2      | !           | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 86.6 %    | 50-200 |             | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | 1      | Analyst: RA | AS       |          | Batch: 2234045 |
| Amons by ETA 500.0/3030A                       |        |           |        |             |          |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 2:08:40PM |

### **CS-174**

|                                                |        | Reporting |        |             |          |          |                |
|------------------------------------------------|--------|-----------|--------|-------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion        | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     | I      | Analyst: IY |          |          | Batch: 2234041 |
| Benzene                                        | ND     | 0.0250    | 1      |             | 08/16/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      |             | 08/16/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      |             | 08/16/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      |             | 08/16/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      |             | 08/16/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      |             | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 95.6 %    | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 94.7 %    | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 102 %     | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | 1      | Analyst: IY | -        |          | Batch: 2234041 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      |             | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 95.6 %    | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 94.7 %    | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 102 %     | 70-130 |             | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | 1      | Analyst: JL |          |          | Batch: 2234033 |
| Diesel Range Organics (C10-C28)                | 243    | 50.0      | 2      | !           | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 288    | 100       | 2      | !           | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 82.0 %    | 50-200 |             | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | ı      | Analyst: RA | AS       |          | Batch: 2234045 |
| 11110113 by E111 500:0/703011                  |        |           |        |             |          |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 2:08:40PM |

### **CS-175**

|                                                |        | Reporting |        |          |          |          |                |
|------------------------------------------------|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Di     | lution   | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234041 |
| Benzene                                        | ND     | 0.0250    |        | 1        | 08/16/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    |        | 1        | 08/16/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    |        | 1        | 08/16/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    |        | 1        | 08/16/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    |        | 1        | 08/16/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    |        | 1        | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 94.2 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 95.9 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 99.1 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234041 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      |        | 1        | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 94.2 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 95.9 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 99.1 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: | JL       |          | Batch: 2234033 |
| Diesel Range Organics (C10-C28)                | 382    | 50.0      |        | 2        | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 452    | 100       |        | 2        | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 89.9 %    | 50-200 |          | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: | RAS      |          | Batch: 2234045 |
| Chloride                                       | 49,3   | 20.0      |        | 1        | 08/17/22 | 08/17/22 |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 2:08:40PM |

### CS-176 E208085-20

|                                                |        | Reporting |        |          |          |          |                |
|------------------------------------------------|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilı   | ution    | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234041 |
| Benzene                                        | ND     | 0.0250    |        | 1        | 08/16/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    |        | 1        | 08/16/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    |        | 1        | 08/16/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    |        | 1        | 08/16/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    |        | 1        | 08/16/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    |        | 1        | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 94.7 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.4 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 102 %     | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234041 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      |        | 1        | 08/16/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 94.7 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.4 %    | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 102 %     | 70-130 |          | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: | ЛL       |          | Batch: 2234033 |
| Diesel Range Organics (C10-C28)                | 62.2   | 25.0      | ·      | 1        | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 95.3   | 50.0      |        | 1        | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 84.2 %    | 50-200 |          | 08/17/22 | 08/17/22 |                |
|                                                |        |           |        |          |          |          |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: | RAS      |          | Batch: 2234045 |



EOG ResourcesProject Name:Ocotillo ACI Federal #1Reported:104 South 4th StreetProject Number:19034-0016Artesia NM, 88210Project Manager:Greg Crabtree8/18/20222:08:40PM

| Artesia NM, 88210                |        | Project Manager    | : G1           | reg Crabtree     |         |               |             | 8            | /18/2022 2:08:40PM |
|----------------------------------|--------|--------------------|----------------|------------------|---------|---------------|-------------|--------------|--------------------|
|                                  | •      | Volatile Organi    | c Compo        | unds by EP       | A 82601 | В             |             |              | Analyst: IY        |
| Analyte                          | Result | Reporting<br>Limit | Spike<br>Level | Source<br>Result | Rec     | Rec<br>Limits | RPD         | RPD<br>Limit |                    |
|                                  | mg/kg  | mg/kg              | mg/kg          | mg/kg            | %       | %             | %           | %            | Notes              |
| Blank (2234041-BLK1)             |        |                    |                |                  |         |               | Prepared: 0 | 8/16/22 Ana  | alyzed: 08/17/22   |
| Benzene                          | ND     | 0.0250             |                |                  |         |               |             |              |                    |
| Ethylbenzene                     | ND     | 0.0250             |                |                  |         |               |             |              |                    |
| Toluene                          | ND     | 0.0250             |                |                  |         |               |             |              |                    |
| o-Xylene                         | ND     | 0.0250             |                |                  |         |               |             |              |                    |
| p,m-Xylene                       | ND     | 0.0500             |                |                  |         |               |             |              |                    |
| Total Xylenes                    | ND     | 0.0250             |                |                  |         |               |             |              |                    |
| Surrogate: Bromofluorobenzene    | 0.498  |                    | 0.500          |                  | 99.5    | 70-130        |             |              |                    |
| Surrogate: 1,2-Dichloroethane-d4 | 0.487  |                    | 0.500          |                  | 97.3    | 70-130        |             |              |                    |
| Surrogate: Toluene-d8            | 0.520  |                    | 0.500          |                  | 104     | 70-130        |             |              |                    |
| LCS (2234041-BS1)                |        |                    |                |                  |         |               | Prepared: 0 | 8/16/22 Ana  | alyzed: 08/17/22   |
| Benzene                          | 2.27   | 0.0250             | 2.50           |                  | 90.8    | 70-130        |             |              | ·                  |
| Ethylbenzene                     | 2.33   | 0.0250             | 2.50           |                  | 93.1    | 70-130        |             |              |                    |
| Toluene                          | 2.25   | 0.0250             | 2.50           |                  | 89.8    | 70-130        |             |              |                    |
| o-Xylene                         | 2.15   | 0.0250             | 2.50           |                  | 86.0    | 70-130        |             |              |                    |
| p,m-Xylene                       | 4.32   | 0.0500             | 5.00           |                  | 86.3    | 70-130        |             |              |                    |
| Total Xylenes                    | 6.47   | 0.0250             | 7.50           |                  | 86.2    | 70-130        |             |              |                    |
| Surrogate: Bromofluorobenzene    | 0.500  |                    | 0.500          |                  | 99.9    | 70-130        |             |              |                    |
| Surrogate: 1,2-Dichloroethane-d4 | 0.494  |                    | 0.500          |                  | 98.7    | 70-130        |             |              |                    |
| Surrogate: Toluene-d8            | 0.518  |                    | 0.500          |                  | 104     | 70-130        |             |              |                    |
| LCS Dup (2234041-BSD1)           |        |                    |                |                  |         |               | Prepared: 0 | 8/16/22 Ana  | alyzed: 08/17/22   |
| Benzene                          | 2.22   | 0.0250             | 2.50           |                  | 88.6    | 70-130        | 2.45        | 23           |                    |
| Ethylbenzene                     | 2.26   | 0.0250             | 2.50           |                  | 90.6    | 70-130        | 2.70        | 27           |                    |
| Toluene                          | 2.20   | 0.0250             | 2.50           |                  | 87.9    | 70-130        | 2.21        | 24           |                    |
| o-Xylene                         | 2.11   | 0.0250             | 2.50           |                  | 84.3    | 70-130        | 2.00        | 27           |                    |
| p,m-Xylene                       | 4.21   | 0.0500             | 5.00           |                  | 84.1    | 70-130        | 2.58        | 27           |                    |
| Total Xylenes                    | 6.31   | 0.0250             | 7.50           |                  | 84.2    | 70-130        | 2.39        | 27           |                    |
| Surrogate: Bromofluorobenzene    | 0.505  |                    | 0.500          |                  | 101     | 70-130        |             |              |                    |
| Surrogate: 1,2-Dichloroethane-d4 | 0.495  |                    | 0.500          |                  | 98.9    | 70-130        |             |              |                    |
| -                                |        |                    |                |                  |         |               |             |              |                    |

0.500

70-130



Surrogate: Toluene-d8

0.520

EOG ResourcesProject Name:Ocotillo ACI Federal #1Reported:104 South 4th StreetProject Number:19034-0016Artesia NM, 88210Project Manager:Greg Crabtree8/18/20222:08:40PM

| Nonhalogenated | Organics by | v EPA 8015D | - GRO |
|----------------|-------------|-------------|-------|
|                |             |             |       |

Analyst: IY

| Analyte | Result | Reporting<br>Limit | Spike<br>Level | Source<br>Result | Rec | Rec<br>Limits | RPD | RPD<br>Limit |       |
|---------|--------|--------------------|----------------|------------------|-----|---------------|-----|--------------|-------|
|         | mg/kg  | mg/kg              | mg/kg          | mg/kg            | %   | % %           |     | %            | Notes |

| Blank (2234041-BLK1)             |       |      |       |      |        | Prepared: 08 | 3/16/22 Analyzed: 08/1 | 7/22 |
|----------------------------------|-------|------|-------|------|--------|--------------|------------------------|------|
| Gasoline Range Organics (C6-C10) | ND    | 20.0 |       |      |        |              |                        |      |
| Surrogate: Bromofluorobenzene    | 0.498 |      | 0.500 | 99.5 | 70-130 |              |                        |      |
| Surrogate: 1,2-Dichloroethane-d4 | 0.487 |      | 0.500 | 97.3 | 70-130 |              |                        |      |
| Surrogate: Toluene-d8            | 0.520 |      | 0.500 | 104  | 70-130 |              |                        |      |
| LCS (2234041-BS2)                |       |      |       |      |        | Prepared: 08 | 3/16/22 Analyzed: 08/1 | 7/22 |
| Gasoline Range Organics (C6-C10) | 49.1  | 20.0 | 50.0  | 98.3 | 70-130 |              |                        |      |
| Surrogate: Bromofluorobenzene    | 0.499 |      | 0.500 | 99.8 | 70-130 |              |                        |      |
| Surrogate: 1,2-Dichloroethane-d4 | 0.481 |      | 0.500 | 96.2 | 70-130 |              |                        |      |
| Surrogate: Toluene-d8            | 0.537 |      | 0.500 | 107  | 70-130 |              |                        |      |
| LCS Dup (2234041-BSD2)           |       |      |       |      |        | Prepared: 08 | 3/16/22 Analyzed: 08/1 | 7/22 |
| Gasoline Range Organics (C6-C10) | 53.0  | 20.0 | 50.0  | 106  | 70-130 | 7.54         | 20                     |      |
| Surrogate: Bromofluorobenzene    | 0.490 |      | 0.500 | 97.9 | 70-130 |              |                        |      |
| Surrogate: 1,2-Dichloroethane-d4 | 0.476 |      | 0.500 | 95.2 | 70-130 |              |                        |      |
| Surrogate: Toluene-d8            | 0.524 |      | 0.500 | 105  | 70-130 |              |                        |      |



| EOG Resources        | Project Name: C    | Ocotillo ACI Federal #1 | Reported:           |
|----------------------|--------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number: 1  | 9034-0016               | -                   |
| Artesia NM, 88210    | Project Manager: G | Greg Crabtree           | 8/18/2022 2:08:40PM |

| Artesia NM, 88210                              |        | Project Manage     | r: Gr          | eg Crabtree      |      |               |              |              | 8/18/2022 2:08:40PM |  |
|------------------------------------------------|--------|--------------------|----------------|------------------|------|---------------|--------------|--------------|---------------------|--|
| Nonhalogenated Organics by EPA 8015D - DRO/ORO |        |                    |                |                  |      |               |              |              |                     |  |
| Analyte                                        | Result | Reporting<br>Limit | Spike<br>Level | Source<br>Result | Rec  | Rec<br>Limits | RPD          | RPD<br>Limit |                     |  |
|                                                | mg/kg  | mg/kg              | mg/kg          | mg/kg            | %    | %             | %            | %            | Notes               |  |
| Blank (2234033-BLK1)                           |        |                    |                |                  |      |               | Prepared: 0  | 8/16/22 Aı   | nalyzed: 08/16/22   |  |
| Diesel Range Organics (C10-C28)                | ND     | 25.0               |                |                  |      |               |              |              |                     |  |
| Oil Range Organics (C28-C36)                   | ND     | 50.0               |                |                  |      |               |              |              |                     |  |
| Surrogate: n-Nonane                            | 49.3   |                    | 50.0           |                  | 98.7 | 50-200        |              |              |                     |  |
| LCS (2234033-BS1)                              |        |                    |                |                  |      |               | Prepared: 08 | 8/16/22 Aı   | nalyzed: 08/16/22   |  |
| Diesel Range Organics (C10-C28)                | 245    | 25.0               | 250            |                  | 97.9 | 38-132        |              |              |                     |  |
| Surrogate: n-Nonane                            | 49.7   |                    | 50.0           |                  | 99.5 | 50-200        |              |              |                     |  |
| LCS Dup (2234033-BSD1)                         |        |                    |                |                  |      |               | Prepared: 08 | 8/16/22 Aı   | nalyzed: 08/16/22   |  |
| Diesel Range Organics (C10-C28)                | 245    | 25.0               | 250            |                  | 98.0 | 38-132        | 0.0842       | 20           |                     |  |
| Surrogate: n-Nonane                            | 49.6   |                    | 50.0           |                  | 99.3 | 50-200        |              |              |                     |  |

| EOG Resources<br>104 South 4th Street |        | Project Name:<br>Project Number: |                | ocotillo ACI Fe<br>9034-0016 | ederal #1 |               |              |              | Reported:           |
|---------------------------------------|--------|----------------------------------|----------------|------------------------------|-----------|---------------|--------------|--------------|---------------------|
| Artesia NM, 88210                     |        | Project Manager                  | : (            | reg Crabtree                 |           |               |              |              | 8/18/2022 2:08:40PM |
|                                       |        | Anions                           | by EPA         | 300.0/9056 <i>A</i>          | <b>A</b>  |               |              |              | Analyst: RAS        |
| Analyte                               | Result | Reporting<br>Limit               | Spike<br>Level | Source<br>Result             | Rec       | Rec<br>Limits |              | RPD<br>Limit |                     |
|                                       | mg/kg  | mg/kg                            | mg/kg          | mg/kg                        | %         | %             | %            | %            | Notes               |
| Blank (2234045-BLK1)                  |        |                                  |                |                              |           |               | Prepared: 08 | 8/17/22 Aı   | nalyzed: 08/17/22   |
| Chloride                              | ND     | 20.0                             |                |                              |           |               |              |              |                     |
| LCS (2234045-BS1)                     |        |                                  |                |                              |           |               | Prepared: 08 | 8/17/22 Aı   | nalyzed: 08/17/22   |
| Chloride                              | 245    | 20.0                             | 250            |                              | 97.8      | 90-110        |              |              |                     |
| LCS Dup (2234045-BSD1)                |        |                                  |                |                              |           |               | Prepared: 08 | 8/17/22 Aı   | nalyzed: 08/17/22   |
| Chloride                              | 245    | 20.0                             | 250            |                              | 97.8      | 90-110        | 0.0131       | 20           |                     |

#### QC Summary Report Comment:

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



### **Definitions and Notes**

| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                |
|----------------------|------------------|-------------------------|----------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:      |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 08/18/22 14:08 |

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.



**३** Information

| ma            |                       |                |                      |                                              |                |                                        |                      | ·             |                                                                            |            |             |                |             |                |               |         |              |        |        |        |                                       |                         |                |
|---------------|-----------------------|----------------|----------------------|----------------------------------------------|----------------|----------------------------------------|----------------------|---------------|----------------------------------------------------------------------------|------------|-------------|----------------|-------------|----------------|---------------|---------|--------------|--------|--------|--------|---------------------------------------|-------------------------|----------------|
| 82.           | E06                   |                |                      |                                              |                |                                        | То                   |               |                                                                            |            |             |                | e On        |                | 1             | _       | <u> </u>     | 20.    | TA     |        | andard                                |                         | ogram          |
| ogt.          | oli:tasc              | ACI            | <u> Federo</u>       | 1 42 (                                       |                | ntion:                                 |                      | _             | l Fab                                                                      | WO!        | 108         | _              | l dol       |                | 0 <i>01  </i> |         | 문            | 2D     | 3D     | 310    | illuaru                               | CWA                     | SDWA           |
| 1/3           | Nanager:仏へ            | sy Cre         | n me~                | <u>.                                    </u> |                | ress:<br>. State, Zip                  |                      |               | معا                                                                        | 100        | U Q         | <u>ں</u>       |             |                | d Met         |         |              |        |        | $\neg$ |                                       | <u> </u>                | RCRA           |
| <u>\$5:</u>   | e, Zip                |                |                      |                                              | Pho            |                                        |                      |               | H                                                                          | T          | т           | I              | 1           | 313 01         | T             | 1       |              |        |        |        |                                       |                         | X              |
| Stat.         | e, zip                |                |                      |                                              | Ema            |                                        | ·                    |               | 53                                                                         | 2          | ]           |                |             | l              |               |         |              |        |        | i      |                                       | State                   |                |
| No.           | Enviro                |                |                      |                                              | Line           |                                        |                      |               | y 8015                                                                     | y 8015     |             | ۱.             | ا ہ ا       | 2              |               |         |              |        |        | i 1    | NM CO                                 | UT AZ                   | TX             |
|               | ue by:                |                |                      |                                              |                |                                        |                      |               | စ္တ                                                                        | ĝ          | 8           | 828            | 89          | 63             | ļ             |         | - 1          |        |        |        | X                                     |                         |                |
| .4 FE         | Date Sampled          | Matrix         | No. of<br>Containers | Sample ID                                    |                |                                        |                      | Lab<br>Number | DRO/ORO by                                                                 | GRO/DRO by | ВТЕХ ЬУ 802 | VOC by 8260    | Metals 6010 | Chloride 300.0 |               |         |              |        |        |        |                                       | Remarks                 |                |
| 10:09         | 81612022              | ς              | (                    | C5-15                                        | <b>~</b>       |                                        |                      | 1_            | X                                                                          | X          | X           |                |             | X              | $\bot$        |         |              |        |        |        |                                       |                         |                |
| 10:37         | 811612028             | 5              | 1                    | CS-158                                       | <b>3</b>       |                                        |                      | 2             | 1                                                                          | 4          | 1           |                |             | 1              |               | _       |              |        |        |        |                                       |                         | <del></del>    |
| 0.35          | 8/16/2022             | 5              | 1                    | C5-159                                       | ገ              |                                        |                      | 3             |                                                                            | 11         | $\coprod$   |                |             | $\bot$         |               | _       | _            |        |        |        |                                       |                         |                |
| 10;34         | 811612022             | 5              | \                    | C5-160                                       | 5              |                                        | ·                    | 4             | Ц                                                                          | 11         | Ш           | _              |             |                |               | _       |              |        |        | _      |                                       |                         |                |
| 12:42         | 8/16/lozz             | S              | \                    | CS-16                                        | (              |                                        |                      | 5             |                                                                            | #          | $\coprod$   | -              |             | $\perp$        |               |         | _            |        |        |        |                                       |                         |                |
| 1:19          | 811612022             | <u>S</u>       | ١                    | C3-16                                        | 2              |                                        |                      | 4             | $\prod$                                                                    | 11         | 11          | -              |             | $\perp$        | _             | _       |              |        |        |        |                                       |                         |                |
| N: <u>z</u> , | 8/16/2022             | 5              | ,                    | C3-16                                        | 3              |                                        |                      | /             |                                                                            |            | $\coprod$   | <u> </u>       | <u> </u>    |                |               | -       |              |        |        |        |                                       |                         |                |
| ال:ىم         | 811615052             | 5              | 1                    | CS-164                                       |                |                                        |                      | 8             | $\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!$ | #          | $\dashv$    | -              |             | +              |               | -       |              |        |        |        |                                       |                         |                |
| (:30          | 811615955             | S              | 1                    | CS-165                                       |                |                                        |                      | 9             | }                                                                          | #          | 1           | _              |             |                |               | -       |              |        |        |        |                                       |                         |                |
| 1:34          | 81612022              | 5              | (                    | C5-166                                       |                |                                        |                      | 10            |                                                                            |            |             |                | <u> </u>    |                |               | $\perp$ |              |        |        |        |                                       |                         |                |
| ion           | al Instruction        | ns:            |                      |                                              |                |                                        |                      |               |                                                                            |            |             |                |             |                |               |         |              |        |        |        |                                       |                         |                |
|               | pler), attest to the  |                |                      |                                              |                | tampering with or intent<br>Sampled by | ionally mislabelling | the sample l  | ocatio                                                                     | n,         |             |                |             |                |               |         |              |        |        |        | on ice the day t<br>subsequent da     | they are sample<br>lys. | ed or received |
|               | ed by: (Signatur      | e)             | Date                 |                                              | ne             | Received by: (Signatu                  | re) Oh               | 8.16.         | 22                                                                         | Time       |             | 74             | Rece        | eived          | on ic         | e:      |              | D N    | se On  | ily -  |                                       |                         |                |
|               | ed by: (Signatur      | e)             | , Date               | -/6.22 Tin                                   | ne<br>/550     | Rechived by Signatu                    | Int                  | 8/17/         | ZZ                                                                         | 9          | :4          | <u>:</u>       | T1_         |                |               | _ ]     | Γ2           |        |        |        | <u>T3</u>                             | - 1 · .<br>2 · .        |                |
| ish           | en by: (Signatur      | E)             | Date                 | e Tir                                        | me             | Received by: (Signatu                  | re)                  | Date          |                                                                            | Time       |             |                |             |                | np °C_        | 4       | <i> </i><br> |        |        | d.     | · · · · · · · · · · · · · · · · · · · |                         |                |
| Mat           | rix: S - Soil, Sd - S | olid, Sg - Stu | dge, A - Aqu         | eous, O - Other _                            |                |                                        |                      | Containe      | r i yp                                                                     | e: g -     | glass       | , <b>p</b> - p | oly/p       | astic          | ag - a        | mber    | glas         | s, v - | VOA    |        |                                       |                         |                |
| iam           | ples are discard      | ed 30 days     | after resu           | ts are reported                              | unless other a | arrangements are mad                   | e. Hazardous sar     | nples will b  | e retu                                                                     | ırned 1    | to clie     | nt or c        | dispose     | ed of a        | it the c      | lient e | xper         | nse.   | The re | port f | or the analy                          | /sis of the a           | pove           |

es is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

@ envirotech

| Client: 606 Project: Ocot: 110 ACT Februate |                                             |                |                      |                |           | $\top$   | - I                                      |               |                                                                        |                 |            | La          | b Us        | Jse Only 600 TAT |                |          |     |                |     |    |         | EPA Program                     |             |               |
|---------------------------------------------|---------------------------------------------|----------------|----------------------|----------------|-----------|----------|------------------------------------------|---------------|------------------------------------------------------------------------|-----------------|------------|-------------|-------------|------------------|----------------|----------|-----|----------------|-----|----|---------|---------------------------------|-------------|---------------|
| Project:                                    | Ocatille                                    | · ACI          | Federa               | 1 to 1         |           | <u> </u> | ttention:                                |               |                                                                        | Lab             | WO#        |             |             | Job              |                |          |     | 1D             | 2D  | 3D | Sta     | ndard                           | CWA         | SDWA          |
| Project f                                   | Manager: 👍                                  | eq Cra         | p trea               |                |           | A        | ddress:                                  |               |                                                                        | E               | 108        | 085         | 5           | 190              | <b>334</b>     | -∞ι      | 6   | $\overline{X}$ |     |    |         |                                 |             |               |
| <u>Address</u>                              |                                             | <del>-</del>   |                      |                |           | <u>c</u> | City, State, Zip                         |               |                                                                        |                 |            |             |             | Analy            | rsis ar        | nd Met   | hod |                |     |    |         |                                 |             | RCRA          |
| City, Sta                                   | te, Zip                                     |                |                      |                | 3.        | <u> </u> | hone:                                    |               |                                                                        | i               |            |             |             |                  |                |          |     |                |     |    |         | 100                             |             | X             |
| Phone:                                      | 1=                                          |                |                      |                |           | <u>E</u> | mail:                                    |               |                                                                        | 015             | 8015       |             |             |                  |                |          |     |                | 1   |    | L       | <del></del>                     | State       |               |
|                                             | Ewiro                                       |                |                      |                |           |          |                                          |               |                                                                        | PA 8            |            | 121         | 8           | 9                | 00.0           |          |     |                |     |    |         |                                 | UT AZ       | TX            |
| Report o                                    | lue by:                                     |                |                      | <del></del> -  | 13.       |          |                                          | <del></del> - |                                                                        | <u>8</u>        | 8          | 34 80       | ۷ 82        | 560              | de 3           |          |     |                |     |    | L       | $X \square$                     |             | <u> </u>      |
| Time<br>Sampled                             | Date Sampled                                | Matrix         | No. of<br>Containers | Sample ID      |           |          |                                          |               | Lab<br>Number                                                          | DRO/ORO 5y 8015 | GRO/DRO by | BTEX by 802 | VOC by 8260 | Metals 6010      | Chloride 300.0 |          |     |                |     |    |         |                                 | Remarks     |               |
| 11:39                                       | 8/1612022                                   | 5              | ١                    | CS-16          | 7         |          |                                          |               | 11                                                                     | ×               | ×          | X           |             |                  | X              |          |     |                |     |    |         |                                 |             |               |
| 11:43                                       | 511612022                                   | S              | 1                    | cs-16          | 8         |          |                                          |               | 12                                                                     |                 |            |             |             |                  |                |          |     |                |     |    |         |                                 |             |               |
| 11:46                                       | 8/16/2022                                   | 5              | 1                    | C5 -16         | ۹         |          |                                          |               | 13                                                                     |                 |            |             |             |                  |                |          |     |                |     |    |         |                                 |             |               |
| 11:49                                       | 5/16/1022                                   | 5              | ı                    | CS-17          | 6         |          |                                          |               | 14                                                                     |                 |            |             |             |                  |                |          |     |                | .=. |    |         |                                 |             |               |
| u:53                                        | જી <b>ા</b> ાજ્ય                            | 5              | ı                    | C5-17          | ١         |          |                                          |               | 15                                                                     |                 |            |             |             |                  |                |          |     |                |     |    |         |                                 |             |               |
| JI:59                                       | 81/612022                                   | \$             | ١                    | CS-17          | 2         |          |                                          |               | 16                                                                     |                 |            |             |             |                  |                |          |     |                |     |    |         |                                 |             |               |
| 12:04                                       | 8/16/2022                                   | \$             | ,                    | CS-17          | 3         |          |                                          |               | 17                                                                     |                 |            |             |             |                  |                |          |     |                |     |    |         |                                 | ···         | <u>-</u>      |
| 2:08                                        | 811612022                                   | 5              | (                    | CS-17          | ч         |          |                                          |               | 18                                                                     | ,               |            |             |             |                  |                |          |     |                |     |    |         |                                 |             |               |
| 12:11                                       | <del>ક્ર</del> ીધારુરા                      | S              | ,                    | CS-17          | 5         |          |                                          |               | 19                                                                     |                 |            |             |             |                  |                |          |     |                |     |    |         |                                 |             |               |
|                                             | 811612022                                   | 5              | ١                    | CS - 13        | 76        |          |                                          |               | 20                                                                     |                 |            |             |             |                  |                |          |     |                |     |    |         |                                 |             |               |
| Addition                                    | al Instruction                              | ıs:            |                      |                |           |          |                                          |               |                                                                        |                 |            |             |             |                  |                |          |     |                |     |    |         |                                 |             |               |
| 1                                           | oler), attest to the<br>of collection is co |                |                      |                |           |          | that tampering with or intentionally mis | slabelling th |                                                                        | cation          | ,          |             |             |                  |                |          |     |                |     |    |         | ice the day the<br>bsequent day |             | d or received |
|                                             | ed by: (Signature                           |                | Date                 |                | ime       |          | Received by: (Signature)                 | /_            | _ 8 · 16 · 22 Time Lab Use Only Received on Ice: (∑)/ N                |                 |            |             |             |                  |                |          |     |                |     |    |         |                                 |             |               |
| Relinquish                                  | ed by: (Signature                           | =1             | Date                 |                | ime<br>/5 |          | Received by: (Signature)                 | 4             | Date / Time, //                                                        |                 |            |             |             |                  |                |          |     |                |     |    |         |                                 |             |               |
| Religiouish                                 | ed by: Signature                            | 2)             | Date                 |                | ime       |          | Received by: (Signature)                 | •             | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                                  |                 |            |             |             |                  |                | i Virena |     |                |     |    |         |                                 |             |               |
| Sample Mat                                  | rix: S - Soil, Sd - So                      | lid, Sg - Slud | lge, A - Aque        | ous, O - Other |           |          |                                          |               | Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA |                 |            |             |             |                  |                |          |     |                |     |    |         |                                 |             |               |
|                                             |                                             |                |                      |                | d unles   | s oth    | er arrangements are made. Hazar          |               |                                                                        |                 |            |             |             |                  |                |          |     |                |     |    | ort for | the analy                       | is of the a | oove          |
| samples is                                  | applicable only                             | to those sa    | mples rece           | ived by the la | borato    | ry wit   | th this COC. The liability of the labo   | ratory is li  | imited to th                                                           | ne am           | ount p     | aid fo      | r on t      | he rep           | ort.           |          |     |                |     |    |         |                                 |             |               |



envirotech Inc.

Printed: 8/17/2022 11:19:26AM

#### **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.

| Phone:       |                                                                                                                                                                                                       |                 | 08/17/22 0 |                   | Work Order ID: E208085                    |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------|-------------------|-------------------------------------------|
| rnone.       | (575) 748-4217                                                                                                                                                                                        | Date Logged In: | 08/16/22 1 | 5:51              | Logged In By: Caitlin Christian           |
| Email:       | I                                                                                                                                                                                                     | Oue Date:       | 08/17/22 1 | 7:00 (0 day TAT)  |                                           |
| Chain of     | Custody (COC)                                                                                                                                                                                         |                 |            |                   |                                           |
| 1. Does th   | e sample ID match the COC?                                                                                                                                                                            |                 | Yes        |                   |                                           |
| 2. Does th   | e number of samples per sampling site location match                                                                                                                                                  | the COC         | Yes        |                   |                                           |
| 3. Were sa   | imples dropped off by client or carrier?                                                                                                                                                              |                 | Yes        | Carrier: <u>U</u> | J <u>PS</u>                               |
| 4. Was the   | e COC complete, i.e., signatures, dates/times, requeste                                                                                                                                               | d analyses?     | Yes        |                   |                                           |
| 5. Were al   | I samples received within holding time?<br>Note: Analysis, such as pH which should be conducted in tie, 15 minute hold time, are not included in this disucssion                                      |                 | Yes        |                   | Comments/Resolution                       |
| Sample T     | urn Around Time (TAT)                                                                                                                                                                                 |                 |            |                   | B : .1 1                                  |
| 6. Did the   | COC indicate standard TAT, or Expedited TAT?                                                                                                                                                          |                 | Yes        |                   | Project has been seperated into 3 reports |
| Sample C     | <u>ooler</u>                                                                                                                                                                                          |                 |            |                   | due to amount of samples. Workorders are  |
| 7. Was a s   | ample cooler received?                                                                                                                                                                                |                 | Yes        |                   | as follows:                               |
| 8. If yes, v | was cooler received in good condition?                                                                                                                                                                |                 | Yes        |                   | E208084 COC pg 1&2 of 6, E208085 COC      |
| 9. Was the   | e sample(s) received intact, i.e., not broken?                                                                                                                                                        |                 | Yes        |                   | pg 3&4 of 6, E208086 COC pg 5&6 of 6.     |
| 10. Were     | custody/security seals present?                                                                                                                                                                       |                 | No         |                   | pg 3004 of 0, E200000 COC pg 300 of 0.    |
| 11. If yes,  | were custody/security seals intact?                                                                                                                                                                   |                 | NA         |                   |                                           |
|              | e sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample to | eceived w/i 15  | Yes        |                   |                                           |
| Sample C     | *                                                                                                                                                                                                     | <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 containe                                                                                                                                                | rs collected?   | Yes        |                   |                                           |
| Field Lab    | · · ·                                                                                                                                                                                                 |                 |            |                   |                                           |
|              | enders.  The sample labels filled out with the minimum infort                                                                                                                                         | nation:         |            |                   |                                           |
|              | imple ID?                                                                                                                                                                                             |                 | Yes        |                   |                                           |
| D            | ate/Time Collected?                                                                                                                                                                                   |                 | Yes        | l                 |                                           |
| C            | ollectors name?                                                                                                                                                                                       |                 | Yes        |                   |                                           |
|              | <u>reservation</u>                                                                                                                                                                                    |                 |            |                   |                                           |
|              | the COC or field labels indicate the samples were pres                                                                                                                                                | served?         | No         |                   |                                           |
|              | mple(s) correctly preserved?                                                                                                                                                                          |                 | NA         |                   |                                           |
| 24. Is lab   | filteration required and/or requested for dissolved me                                                                                                                                                | tals?           | No         |                   |                                           |
| Multipha     | se Sample Matrix                                                                                                                                                                                      |                 |            |                   |                                           |
| 26. Does t   | he sample have more than one phase, i.e., multiphase                                                                                                                                                  | ?               | No         |                   |                                           |
| 27. If yes,  | does the COC specify which phase(s) is to be analyze                                                                                                                                                  | ed?             | NA         |                   |                                           |
| Subcontr     | act Laboratory                                                                                                                                                                                        |                 |            |                   |                                           |
|              | mples required to get sent to a subcontract laboratory                                                                                                                                                | ?               | No         |                   |                                           |
|              | subcontract laboratory specified by the client and if s                                                                                                                                               |                 | NA         | Subcontract Lab   | o: na                                     |
|              | struction                                                                                                                                                                                             |                 |            |                   |                                           |
| CHEIR III    | struction                                                                                                                                                                                             |                 |            |                   |                                           |
|              |                                                                                                                                                                                                       |                 |            |                   |                                           |
|              |                                                                                                                                                                                                       |                 |            |                   |                                           |
|              |                                                                                                                                                                                                       |                 |            |                   |                                           |
|              |                                                                                                                                                                                                       |                 |            |                   |                                           |
| 1            |                                                                                                                                                                                                       |                 |            |                   |                                           |
| 1            |                                                                                                                                                                                                       |                 |            |                   |                                           |
|              |                                                                                                                                                                                                       |                 |            |                   |                                           |

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: E208086

Job Number: 19034-0016

Received: 8/17/2022

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 8/18/22

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: 8/18/22

Greg Crabtree 104 South 4th Street Artesia, NM 88210

Project Name: Ocotillo ACI Federal #1

Workorder: E208086

Date Received: 8/17/2022 9:45:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/17/2022 9:45:00AM, 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

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

Rayny Hagan
Technical Representative

West Texas Midland/Odessa Area

Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

### **Table of Contents**

| Title Page        | 1  |
|-------------------|----|
| Cover Page        | 2  |
| Table of Contents | 3  |
| Sample Summary    | 5  |
| Sample Data       | 6  |
| CS-177            | 6  |
| CS-178            | 7  |
| CS-179            | 8  |
| CS-180            | 9  |
| CS-181            | 10 |
| CS-182            | 11 |
| CS-183            | 12 |
| CS-184            | 13 |
| CS-185            | 14 |
| CS-186            | 15 |
| CS-187            | 16 |
| CS-188            | 17 |
| CS-189            | 18 |
| CS-190            | 19 |
| CS-191            | 20 |
| CS-192            | 21 |
| CS-193            | 22 |
| CS-194            | 23 |
| CS-195            | 24 |
| CS-196            | 25 |

# Table of Contents (continued)

| QC Summary Data                                     | 26 |
|-----------------------------------------------------|----|
| QC - Volatile Organics by EPA 8021B                 | 26 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO     | 27 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 28 |
| QC - Anions by EPA 300.0/9056A                      | 29 |
| Definitions and Notes                               | 30 |
| Chain of Custody etc                                | 31 |

### **Sample Summary**

| EOG Resources        | Project Name:    | Project Name: Ocotillo ACI Federal #1 |                |
|----------------------|------------------|---------------------------------------|----------------|
| 104 South 4th Street | Project Number:  | 19034-0016                            | Reported:      |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree                         | 08/18/22 15:56 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| CS-177           | E208086-01A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-178           | E208086-02A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-179           | E208086-03A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-180           | E208086-04A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-181           | E208086-05A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-182           | E208086-06A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-183           | E208086-07A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-184           | E208086-08A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-185           | E208086-09A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-186           | E208086-10A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-187           | E208086-11A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-188           | E208086-12A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-189           | E208086-13A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-190           | E208086-14A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-191           | E208086-15A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-192           | E208086-16A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-193           | E208086-17A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-194           | E208086-18A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-195           | E208086-19A   | Soil   | 08/16/22 | 08/17/22 | Glass Jar, 2 oz. |
| CS-196           | E208086-20A   | Soil   | 08/16/22 | 08/17/22 | 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           | 8/18/2022 3:56:37PM |

#### **CS-177**

| E208086-01                                     |        |        |         |             |          |                |  |
|------------------------------------------------|--------|--------|---------|-------------|----------|----------------|--|
| Reporting                                      |        |        |         |             |          |                |  |
| Analyte                                        | Result | Limit  | Dilutio | on Prepared | Analyzed | Notes          |  |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg  | Aı      | nalyst: IY  |          | Batch: 2234042 |  |
| Benzene                                        | ND     | 0.0250 | 1       | 08/16/22    | 08/17/22 |                |  |
| Ethylbenzene                                   | ND     | 0.0250 | 1       | 08/16/22    | 08/17/22 |                |  |
| Toluene                                        | ND     | 0.0250 | 1       | 08/16/22    | 08/17/22 |                |  |
| o-Xylene                                       | ND     | 0.0250 | 1       | 08/16/22    | 08/17/22 |                |  |
| p,m-Xylene                                     | ND     | 0.0500 | 1       | 08/16/22    | 08/17/22 |                |  |
| Total Xylenes                                  | ND     | 0.0250 | 1       | 08/16/22    | 08/17/22 |                |  |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 96.3 % | 70-130  | 08/16/22    | 08/17/22 |                |  |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg  | Aı      | nalyst: IY  |          | Batch: 2234042 |  |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0   | 1       | 08/16/22    | 08/17/22 |                |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 92.8 % | 70-130  | 08/16/22    | 08/17/22 |                |  |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg  | Aı      | nalyst: JL  |          | Batch: 2234034 |  |
| Diesel Range Organics (C10-C28)                | ND     | 25.0   | 1       | 08/17/22    | 08/17/22 |                |  |
| Oil Range Organics (C28-C36)                   | ND     | 50.0   | 1       | 08/17/22    | 08/17/22 |                |  |
| Surrogate: n-Nonane                            |        | 82.5 % | 50-200  | 08/17/22    | 08/17/22 |                |  |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg  | Aı      | nalyst: RAS |          | Batch: 2234046 |  |

20.0

21.8

08/17/22

08/17/22



Chloride

| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 3:56:37PM |

#### **CS-178**

|                                                |        | Reporting |          |           |          |                |
|------------------------------------------------|--------|-----------|----------|-----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilution | Prepared  | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Ana      | lyst: IY  |          | Batch: 2234042 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/16/22  | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/16/22  | 08/17/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/16/22  | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/16/22  | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/16/22  | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/16/22  | 08/17/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 96.4 %    | 70-130   | 08/16/22  | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Ana      | lyst: IY  |          | Batch: 2234042 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/16/22  | 08/17/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 91.0 %    | 70-130   | 08/16/22  | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Ana      | lyst: JL  |          | Batch: 2234034 |
| Diesel Range Organics (C10-C28)                | 397    | 50.0      | 2        | 08/17/22  | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 672    | 100       | 2        | 08/17/22  | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 94.6 %    | 50-200   | 08/17/22  | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Ana      | lyst: RAS |          | Batch: 2234046 |
| Chloride                                       | 26.3   | 20.0      |          | 08/17/22  | 08/17/22 |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 3:56:37PM |

#### **CS-179**

|                                                |        | Reporting |          |          |          |                |
|------------------------------------------------|--------|-----------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilution | Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Anal     | yst: IY  |          | Batch: 2234042 |
| Benzene                                        | ND     | 0.0500    | 2        | 08/16/22 | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0500    | 2        | 08/16/22 | 08/17/22 |                |
| Toluene                                        | ND     | 0.0500    | 2        | 08/16/22 | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0500    | 2        | 08/16/22 | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.100     | 2        | 08/16/22 | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0500    | 2        | 08/16/22 | 08/17/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 99.2 %    | 70-130   | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Anal     | yst: IY  |          | Batch: 2234042 |
| Gasoline Range Organics (C6-C10)               | ND     | 40.0      | 2        | 08/16/22 | 08/17/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 102 %     | 70-130   | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Anal     | yst: JL  |          | Batch: 2234034 |
| Diesel Range Organics (C10-C28)                | 341    | 125       | 5        | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 265    | 250       | 5        | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 90.8 %    | 50-200   | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Anal     | yst: RAS |          | Batch: 2234046 |
| ·                                              | ND     | 20.0      | ·        | 08/17/22 | 08/17/22 | <u>"</u>       |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 3:56:37PM |

#### **CS-180**

|                                                |        | Reporting |          |           |          |                |
|------------------------------------------------|--------|-----------|----------|-----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilution | Prepared  | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Anal     | lyst: IY  |          | Batch: 2234042 |
| Benzene                                        | ND     | 0.0500    | 2        | 08/16/22  | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0500    | 2        | 08/16/22  | 08/17/22 |                |
| Toluene                                        | ND     | 0.0500    | 2        | 08/16/22  | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0500    | 2        | 08/16/22  | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.100     | 2        | 08/16/22  | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0500    | 2        | 08/16/22  | 08/17/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 103 %     | 70-130   | 08/16/22  | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Anal     | lyst: IY  |          | Batch: 2234042 |
| Gasoline Range Organics (C6-C10)               | ND     | 40.0      | 2        | 08/16/22  | 08/17/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 102 %     | 70-130   | 08/16/22  | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Anal     | lyst: JL  |          | Batch: 2234034 |
| Diesel Range Organics (C10-C28)                | 68.1   | 25.0      | 1        | 08/17/22  | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 71.9   | 50.0      | 1        | 08/17/22  | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 86.7 %    | 50-200   | 08/17/22  | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Anal     | lyst: RAS |          | Batch: 2234046 |
|                                                |        |           |          |           |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 3:56:37PM |

#### CS-181

| E20   | ነደሰያ | 26_0  | ۱5 |
|-------|------|-------|----|
| LIZIU | ove  | ) U=U |    |

|                                                |          | Reporting |                                       |            |          |                |
|------------------------------------------------|----------|-----------|---------------------------------------|------------|----------|----------------|
| Analyte                                        | Result   | Limit     | Dilution                              | n Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg    | mg/kg     | Ana                                   | alyst: IY  |          | Batch: 2234042 |
| Benzene                                        | ND       | 0.0250    | 1                                     | 08/16/22   | 08/17/22 |                |
| Ethylbenzene                                   | ND       | 0.0250    | 1                                     | 08/16/22   | 08/17/22 |                |
| Toluene                                        | ND       | 0.0250    | 1                                     | 08/16/22   | 08/17/22 |                |
| o-Xylene                                       | ND       | 0.0250    | 1                                     | 08/16/22   | 08/17/22 |                |
| p,m-Xylene                                     | ND       | 0.0500    | 1                                     | 08/16/22   | 08/17/22 |                |
| Total Xylenes                                  | ND       | 0.0250    | 1                                     | 08/16/22   | 08/17/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |          | 104 %     | 70-130                                | 08/16/22   | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg    | mg/kg     | Ana                                   | alyst: IY  |          | Batch: 2234042 |
| Gasoline Range Organics (C6-C10)               | ND       | 20.0      | 1                                     | 08/16/22   | 08/17/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |          | 101 %     | 70-130                                | 08/16/22   | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg    | mg/kg     | Ana                                   | alyst: JL  |          | Batch: 2234034 |
| Diesel Range Organics (C10-C28)                | 75.0     | 25.0      | 1                                     | 08/17/22   | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 145      | 50.0      | 1                                     | 08/17/22   | 08/17/22 |                |
| Surrogate: n-Nonane                            |          | 96.6 %    | 50-200                                | 08/17/22   | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg    | mg/kg     | Ana                                   | alyst: RAS |          | Batch: 2234046 |
|                                                | <u> </u> | <u> </u>  | · · · · · · · · · · · · · · · · · · · | ·          |          | ·              |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 3:56:37PM |

#### **CS-182**

|                                                |        | D                  |          |            |          |                |
|------------------------------------------------|--------|--------------------|----------|------------|----------|----------------|
| Analyte                                        | Result | Reporting<br>Limit | Dilution | n Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg              | Ana      | alyst: IY  |          | Batch: 2234042 |
| Benzene                                        | ND     | 0.0250             | 1        | 08/16/22   | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0250             | 1        | 08/16/22   | 08/17/22 |                |
| Toluene                                        | ND     | 0.0250             | 1        | 08/16/22   | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0250             | 1        | 08/16/22   | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.0500             | 1        | 08/16/22   | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0250             | 1        | 08/16/22   | 08/17/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 105 %              | 70-130   | 08/16/22   | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg              | Ana      | alyst: IY  |          | Batch: 2234042 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0               | 1        | 08/16/22   | 08/17/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 102 %              | 70-130   | 08/16/22   | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg              | Ana      | alyst: JL  |          | Batch: 2234034 |
| Diesel Range Organics (C10-C28)                | 56.2   | 25.0               | 1        | 08/17/22   | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 116    | 50.0               | 1        | 08/17/22   | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 92.4 %             | 50-200   | 08/17/22   | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg              | Ana      | alyst: RAS |          | Batch: 2234046 |
| Chloride                                       | 48.4   | 20.0               | 1        | 08/17/22   | 08/17/22 | •              |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 3:56:37PM |

#### **CS-183**

|                                                |        | Reporting |          |          |          |                |
|------------------------------------------------|--------|-----------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilution | Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Anal     | yst: IY  |          | Batch: 2234042 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/16/22 | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 107 %     | 70-130   | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Anal     | yst: IY  |          | Batch: 2234042 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/16/22 | 08/17/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 100 %     | 70-130   | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Anal     | yst: JL  |          | Batch: 2234034 |
| Diesel Range Organics (C10-C28)                | 112    | 50.0      | 2        | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 233    | 100       | 2        | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 87.1 %    | 50-200   | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Anal     | yst: RAS |          | Batch: 2234046 |
|                                                | ND     | 20.0      |          | 08/17/22 | 08/17/22 |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 3:56:37PM |

#### **CS-184**

|                                                |        | Reporting |          |          |          |                |
|------------------------------------------------|--------|-----------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilution | Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Anal     | yst: IY  |          | Batch: 2234042 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/16/22 | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 106 %     | 70-130   | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Anal     | yst: IY  |          | Batch: 2234042 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/16/22 | 08/17/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 102 %     | 70-130   | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Anal     | yst: JL  |          | Batch: 2234034 |
| Diesel Range Organics (C10-C28)                | 554    | 125       | 5        | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 944    | 250       | 5        | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 99.9 %    | 50-200   | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Anal     | yst: RAS |          | Batch: 2234046 |
| Chloride                                       | ND     | 20.0      | 1        | 08/17/22 | 08/17/22 |                |
|                                                |        |           |          |          |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 3:56:37PM |

#### **CS-185**

|                                                |        | Reporting |          |          |          |                |
|------------------------------------------------|--------|-----------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilution | Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Anal     | yst: IY  |          | Batch: 2234042 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/16/22 | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 104 %     | 70-130   | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Anal     | yst: IY  |          | Batch: 2234042 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/16/22 | 08/17/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 100 %     | 70-130   | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Anal     | yst: JL  |          | Batch: 2234034 |
| Diesel Range Organics (C10-C28)                | 658    | 50.0      | 2        | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 1100   | 100       | 2        | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 92.6 %    | 50-200   | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Anal     | yst: RAS |          | Batch: 2234046 |
|                                                |        |           |          |          | 08/17/22 |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 3:56:37PM |

#### **CS-186**

|                                                |        | D (*      |          |          |          |                |
|------------------------------------------------|--------|-----------|----------|----------|----------|----------------|
|                                                | D 1:   | Reporting | D'1 - '  | ъ .      |          | NT .           |
| Analyte                                        | Result | Limit     | Dilution | Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Anal     | yst: IY  |          | Batch: 2234042 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/16/22 | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 108 %     | 70-130   | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Anal     | yst: IY  |          | Batch: 2234042 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/16/22 | 08/17/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 98.7 %    | 70-130   | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Anal     | yst: JL  |          | Batch: 2234034 |
| Diesel Range Organics (C10-C28)                | 48.1   | 25.0      | 1        | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 124    | 50.0      | 1        | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 92.8 %    | 50-200   | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Anal     | yst: RAS |          | Batch: 2234046 |
| Chloride                                       | 116    | 20.0      | 1        | 08/17/22 | 08/17/22 |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 3:56:37PM |

#### **CS-187**

|                                                |        | Reporting |          |          |          |                |
|------------------------------------------------|--------|-----------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilution | Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Anal     | yst: IY  |          | Batch: 2234042 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/16/22 | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 108 %     | 70-130   | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Anal     | yst: IY  |          | Batch: 2234042 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/16/22 | 08/17/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 95.9 %    | 70-130   | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Anal     | yst: JL  |          | Batch: 2234034 |
| Diesel Range Organics (C10-C28)                | 28.7   | 25.0      | 1        | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 68.3   | 50.0      | 1        | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 101 %     | 50-200   | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Anal     | yst: RAS |          | Batch: 2234046 |
|                                                | 250    | 20.0      |          | 08/17/22 | 08/17/22 |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 3:56:37PM |

#### **CS-188**

|                                                |        | Reporting |          |          |          |                |
|------------------------------------------------|--------|-----------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilution | Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Anal     | yst: IY  |          | Batch: 2234042 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/16/22 | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 107 %     | 70-130   | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Anal     | yst: IY  |          | Batch: 2234042 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/16/22 | 08/17/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 93.6 %    | 70-130   | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Anal     | yst: JL  |          | Batch: 2234034 |
| Diesel Range Organics (C10-C28)                | 465    | 50.0      | 2        | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 799    | 100       | 2        | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 98.6 %    | 50-200   | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Anal     | yst: RAS |          | Batch: 2234046 |
| Chloride                                       | 112    | 20.0      | 1        | 08/17/22 | 08/17/22 |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 3:56:37PM |

#### **CS-189**

|                                                |        | Reporting |          |          |          |                |
|------------------------------------------------|--------|-----------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilution | Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Anal     | yst: IY  |          | Batch: 2234042 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/16/22 | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 106 %     | 70-130   | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Anal     | yst: IY  |          | Batch: 2234042 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/16/22 | 08/17/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 95.7 %    | 70-130   | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Anal     | yst: JL  |          | Batch: 2234034 |
| Diesel Range Organics (C10-C28)                | 372    | 50.0      | 2        | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 694    | 100       | 2        | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 97.5 %    | 50-200   | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Anal     | yst: RAS |          | Batch: 2234046 |
| · · · · · · · · · · · · · · · · · · ·          | ND     | 20.0      |          | 08/17/22 | 08/17/22 |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 3:56:37PM |

#### CS-190

|                                                |        | Reporting |          |           |          |                |
|------------------------------------------------|--------|-----------|----------|-----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilution | Prepared  | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Ana      | lyst: IY  |          | Batch: 2234042 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/16/22  | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/16/22  | 08/17/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/16/22  | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/16/22  | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/16/22  | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/16/22  | 08/17/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 106 %     | 70-130   | 08/16/22  | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Ana      | lyst: IY  |          | Batch: 2234042 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/16/22  | 08/17/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 95.4 %    | 70-130   | 08/16/22  | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Ana      | lyst: JL  |          | Batch: 2234034 |
| Diesel Range Organics (C10-C28)                | 114    | 25.0      | 1        | 08/17/22  | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 145    | 50.0      | 1        | 08/17/22  | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 97.0 %    | 50-200   | 08/17/22  | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Ana      | lyst: RAS |          | Batch: 2234046 |
| Chloride                                       | ND     | 20.0      | 1        | 08/17/22  | 08/17/22 |                |
|                                                |        |           |          |           |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 3:56:37PM |

#### **CS-191**

|                                                |        | Reporting |          |            |          |                |
|------------------------------------------------|--------|-----------|----------|------------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilution | Prepared   | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Ana      | lyst: IY   |          | Batch: 2234042 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/16/22   | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/16/22   | 08/17/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/16/22   | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/16/22   | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/16/22   | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/16/22   | 08/17/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 105 %     | 70-130   | 08/16/22   | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Ana      | llyst: IY  |          | Batch: 2234042 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/16/22   | 08/17/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 94.8 %    | 70-130   | 08/16/22   | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Ana      | lyst: JL   |          | Batch: 2234034 |
| Diesel Range Organics (C10-C28)                | 46.8   | 25.0      | 1        | 08/17/22   | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 80.3   | 50.0      | 1        | 08/17/22   | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 103 %     | 50-200   | 08/17/22   | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Ana      | llyst: RAS |          | Batch: 2234046 |
| Amons by ETA 500.0/7030A                       |        |           |          |            |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 3:56:37PM |

#### CS-192

| E208086-16 | í |
|------------|---|
|------------|---|

|                                                |        | Reporting |          |            |          |                |
|------------------------------------------------|--------|-----------|----------|------------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilution | n Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Ana      | alyst: IY  |          | Batch: 2234042 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/16/22   | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/16/22   | 08/17/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/16/22   | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/16/22   | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/16/22   | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/16/22   | 08/17/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 105 %     | 70-130   | 08/16/22   | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Ana      | alyst: IY  |          | Batch: 2234042 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/16/22   | 08/17/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 94.0 %    | 70-130   | 08/16/22   | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Ana      | alyst: JL  |          | Batch: 2234034 |
| Diesel Range Organics (C10-C28)                | 41.5   | 25.0      | 1        | 08/17/22   | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 68.4   | 50.0      | 1        | 08/17/22   | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 94.1 %    | 50-200   | 08/17/22   | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Ana      | alyst: RAS |          | Batch: 2234046 |
| Chloride                                       | 80.6   | 20.0      | 1        | 08/17/22   | 08/17/22 |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 3:56:37PM |

#### **CS-193**

|                                                |        | Reporting |          |           |          |                |
|------------------------------------------------|--------|-----------|----------|-----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilution | Prepared  | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Ana      | lyst: IY  |          | Batch: 2234042 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/16/22  | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/16/22  | 08/17/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/16/22  | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/16/22  | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/16/22  | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/16/22  | 08/17/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 102 %     | 70-130   | 08/16/22  | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Ana      | lyst: IY  |          | Batch: 2234042 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/16/22  | 08/17/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 96.5 %    | 70-130   | 08/16/22  | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Ana      | lyst: JL  |          | Batch: 2234034 |
| Diesel Range Organics (C10-C28)                | 93.4   | 25.0      | 1        | 08/17/22  | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 114    | 50.0      | 1        | 08/17/22  | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 87.4 %    | 50-200   | 08/17/22  | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Anal     | lyst: RAS |          | Batch: 2234046 |
| Chloride                                       | ND     | 20.0      | 1        | 08/17/22  | 08/17/22 | <u> </u>       |
|                                                |        |           |          |           |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 3:56:37PM |

#### CS-194

|                                                |        | Reporting |          |          |          |                |
|------------------------------------------------|--------|-----------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilution | Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Analy    | st: IY   |          | Batch: 2234042 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/16/22 | 08/17/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/16/22 | 08/17/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 102 %     | 70-130   | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Analy    | st: IY   |          | Batch: 2234042 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/16/22 | 08/17/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 97.5 %    | 70-130   | 08/16/22 | 08/17/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Analy    | st: JL   |          | Batch: 2234034 |
| Diesel Range Organics (C10-C28)                | 230    | 50.0      | 2        | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 267    | 100       | 2        | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 89.2 %    | 50-200   | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Analy    | st: RAS  |          | Batch: 2234046 |
|                                                |        |           |          |          |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 3:56:37PM |

#### **CS-195**

|                                                |        | Domontino          |          |          |          |                |
|------------------------------------------------|--------|--------------------|----------|----------|----------|----------------|
| Analyte                                        | Result | Reporting<br>Limit | Dilution | Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg              | Anal     | yst: IY  |          | Batch: 2234042 |
| Benzene                                        | ND     | 0.0250             | 1        | 08/16/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250             | 1        | 08/16/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250             | 1        | 08/16/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250             | 1        | 08/16/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500             | 1        | 08/16/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250             | 1        | 08/16/22 | 08/18/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 102 %              | 70-130   | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg              | Analy    | yst: IY  |          | Batch: 2234042 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0               | 1        | 08/16/22 | 08/18/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 96.0 %             | 70-130   | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg              | Analy    | yst: JL  |          | Batch: 2234034 |
| Diesel Range Organics (C10-C28)                | 251    | 50.0               | 2        | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 290    | 100                | 2        | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 76.6 %             | 50-200   | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg              | Anal     | yst: RAS |          | Batch: 2234046 |
| Chloride                                       | 32.2   | 20.0               | 1        | 08/17/22 | 08/17/22 |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 3:56:37PM |

#### **CS-196**

|                                                |        | Domontino          |          |          |          |                |
|------------------------------------------------|--------|--------------------|----------|----------|----------|----------------|
| Analyte                                        | Result | Reporting<br>Limit | Dilution | Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg              | Anal     | yst: IY  |          | Batch: 2234042 |
| Benzene                                        | ND     | 0.0250             | 1        | 08/16/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250             | 1        | 08/16/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250             | 1        | 08/16/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250             | 1        | 08/16/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500             | 1        | 08/16/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250             | 1        | 08/16/22 | 08/18/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 102 %              | 70-130   | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg              | Anal     | yst: IY  |          | Batch: 2234042 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0               | 1        | 08/16/22 | 08/18/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 97.9 %             | 70-130   | 08/16/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg              | Anal     | yst: JL  |          | Batch: 2234034 |
| Diesel Range Organics (C10-C28)                | 39.0   | 25.0               | 1        | 08/17/22 | 08/17/22 |                |
| Oil Range Organics (C28-C36)                   | 64.3   | 50.0               | 1        | 08/17/22 | 08/17/22 |                |
| Surrogate: n-Nonane                            |        | 77.4 %             | 50-200   | 08/17/22 | 08/17/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg              | Anal     | yst: RAS |          | Batch: 2234046 |
| Chloride                                       | 280    | 20.0               | 1        | 08/17/22 | 08/17/22 |                |



Surrogate: 4-Bromochlorobenzene-PID

### **QC Summary Data**

EOG Resources Project Name: Ocotillo ACI Federal #1

104 South 4th Street Project Number: 19034-0016

Artesia NM, 88210 Project Manager: Greg Crabtree 8/18/2022 3:56:37PM

| 104 South 4th Street<br>Artesia NM, 88210 |        | Project Number: Project Manager: |                | 0034-0016<br>reg Crabtree |      |               |             |              | 8/18/2022 3:56:37PM |
|-------------------------------------------|--------|----------------------------------|----------------|---------------------------|------|---------------|-------------|--------------|---------------------|
| Volatile Organics by EPA 8021B            |        |                                  |                |                           |      |               |             |              | Analyst: IY         |
| Analyte                                   | Result | Reporting<br>Limit               | Spike<br>Level | Source<br>Result          | Rec  | Rec<br>Limits | RPD         | RPD<br>Limit |                     |
|                                           | mg/kg  | mg/kg                            | mg/kg          | mg/kg                     | %    | %             | %           | %            | Notes               |
| Blank (2234042-BLK1)                      |        |                                  |                |                           |      |               | Prepared: 0 | 8/16/22 A    | nalyzed: 08/17/22   |
| Benzene                                   | ND     | 0.0250                           |                |                           |      |               |             |              |                     |
| Ethylbenzene                              | ND     | 0.0250                           |                |                           |      |               |             |              |                     |
| Toluene                                   | ND     | 0.0250                           |                |                           |      |               |             |              |                     |
| o-Xylene                                  | ND     | 0.0250                           |                |                           |      |               |             |              |                     |
| p,m-Xylene                                | ND     | 0.0500                           |                |                           |      |               |             |              |                     |
| Total Xylenes                             | ND     | 0.0250                           |                |                           |      |               |             |              |                     |
| Surrogate: 4-Bromochlorobenzene-PID       | 7.50   |                                  | 8.00           |                           | 93.7 | 70-130        |             |              |                     |
| LCS (2234042-BS1)                         |        |                                  |                |                           |      |               | Prepared: 0 | 8/16/22 A    | nalyzed: 08/17/22   |
| Benzene                                   | 4.50   | 0.0250                           | 5.00           |                           | 89.9 | 70-130        |             |              |                     |
| Ethylbenzene                              | 4.43   | 0.0250                           | 5.00           |                           | 88.5 | 70-130        |             |              |                     |
| Toluene                                   | 4.56   | 0.0250                           | 5.00           |                           | 91.3 | 70-130        |             |              |                     |
| o-Xylene                                  | 4.45   | 0.0250                           | 5.00           |                           | 88.9 | 70-130        |             |              |                     |
| o,m-Xylene                                | 8.95   | 0.0500                           | 10.0           |                           | 89.5 | 70-130        |             |              |                     |
| Total Xylenes                             | 13.4   | 0.0250                           | 15.0           |                           | 89.3 | 70-130        |             |              |                     |
| Surrogate: 4-Bromochlorobenzene-PID       | 7.84   |                                  | 8.00           |                           | 98.0 | 70-130        |             |              |                     |
| LCS Dup (2234042-BSD1)                    |        |                                  |                |                           |      |               | Prepared: 0 | 8/16/22 A    | nalyzed: 08/17/22   |
| Benzene                                   | 4.59   | 0.0250                           | 5.00           |                           | 91.7 | 70-130        | 1.97        | 20           |                     |
| Ethylbenzene                              | 4.51   | 0.0250                           | 5.00           |                           | 90.1 | 70-130        | 1.75        | 20           |                     |
| Toluene                                   | 4.64   | 0.0250                           | 5.00           |                           | 92.9 | 70-130        | 1.71        | 20           |                     |
| o-Xylene                                  | 4.55   | 0.0250                           | 5.00           |                           | 91.0 | 70-130        | 2.27        | 20           |                     |
| p,m-Xylene                                | 9.11   | 0.0500                           | 10.0           |                           | 91.1 | 70-130        | 1.75        | 20           |                     |
| Total Xylenes                             | 13.7   | 0.0250                           | 15.0           |                           | 91.1 | 70-130        | 1.92        | 20           |                     |

70-130



Surrogate: 1-Chloro-4-fluorobenzene-FID

7.58

### **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 | 8/18/2022 3:56:37PM |

| Artesia NM, 88210                       |        | Project Number:<br>Project Manager |                | eg Crabtree      |         |               |             | 8/1          | 8/2022 3:56:37PM |
|-----------------------------------------|--------|------------------------------------|----------------|------------------|---------|---------------|-------------|--------------|------------------|
|                                         | Non    | halogenated (                      | Organics l     | by EPA 801       | 15D - G | RO            |             |              | Analyst: IY      |
| Analyte                                 | Result | Reporting<br>Limit                 | Spike<br>Level | Source<br>Result | Rec     | Rec<br>Limits | RPD         | RPD<br>Limit |                  |
|                                         | mg/kg  | mg/kg                              | mg/kg          | mg/kg            | %       | %             | %           | %            | Notes            |
| Blank (2234042-BLK1)                    |        |                                    |                |                  |         | ]             | Prepared: 0 | 8/16/22 Anal | yzed: 08/17/22   |
| Gasoline Range Organics (C6-C10)        | ND     | 20.0                               |                |                  |         |               |             |              |                  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.29   |                                    | 8.00           |                  | 91.1    | 70-130        |             |              |                  |
| LCS (2234042-BS2)                       |        |                                    |                |                  |         | ]             | Prepared: 0 | 8/16/22 Anal | yzed: 08/17/22   |
| Gasoline Range Organics (C6-C10)        | 42.0   | 20.0                               | 50.0           |                  | 83.9    | 70-130        |             |              |                  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.61   |                                    | 8.00           |                  | 95.2    | 70-130        |             |              |                  |
| LCS Dup (2234042-BSD2)                  |        |                                    |                |                  |         | ]             | Prepared: 0 | 8/16/22 Anal | yzed: 08/17/22   |
| Gasoline Range Organics (C6-C10)        | 42.0   | 20.0                               | 50.0           |                  | 84.0    | 70-130        | 0.0378      | 20           |                  |

8.00

70-130



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 | Reported:           |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              |                     |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/18/2022 3:56:37PM |

| Artesia NM, 88210               |                                                | Project Manage     | r: Gr          | eg Crabtree      |      |               |             |              | 8/18/2022 3:56:37PM |  |
|---------------------------------|------------------------------------------------|--------------------|----------------|------------------|------|---------------|-------------|--------------|---------------------|--|
|                                 | Nonhalogenated Organics by EPA 8015D - DRO/ORO |                    |                |                  |      |               |             | Analyst: JL  |                     |  |
| Analyte                         | Result                                         | Reporting<br>Limit | Spike<br>Level | Source<br>Result | Rec  | Rec<br>Limits | RPD         | RPD<br>Limit |                     |  |
|                                 | mg/kg                                          | mg/kg              | mg/kg          | mg/kg            | %    | %             | %           | %            | Notes               |  |
| Blank (2234034-BLK1)            |                                                |                    |                |                  |      |               | Prepared: 0 | 8/16/22      | Analyzed: 08/16/22  |  |
| Diesel Range Organics (C10-C28) | ND                                             | 25.0               |                |                  |      |               |             |              |                     |  |
| Oil Range Organics (C28-C36)    | ND                                             | 50.0               |                |                  |      |               |             |              |                     |  |
| Surrogate: n-Nonane             | 48.4                                           |                    | 50.0           |                  | 96.8 | 50-200        |             |              |                     |  |
| LCS (2234034-BS1)               |                                                |                    |                |                  |      |               | Prepared: 0 | 8/16/22      | Analyzed: 08/16/22  |  |
| Diesel Range Organics (C10-C28) | 241                                            | 25.0               | 250            |                  | 96.2 | 38-132        |             |              |                     |  |
| Surrogate: n-Nonane             | 49.3                                           |                    | 50.0           |                  | 98.7 | 50-200        |             |              |                     |  |
| LCS Dup (2234034-BSD1)          |                                                |                    |                |                  |      |               | Prepared: 0 | 8/16/22      | Analyzed: 08/16/22  |  |
| Diesel Range Organics (C10-C28) | 241                                            | 25.0               | 250            |                  | 96.4 | 38-132        | 0.182       | 20           |                     |  |
| Surrogate: n-Nonane             | 48.7                                           |                    | 50.0           |                  | 97.4 | 50-200        |             |              |                     |  |

| EOG Resources                          |                                     | Project Name: Ocotillo ACI Federal #1 |                                       |                            | ederal #1 |                    |                                       |                   | Reported:           |  |  |  |
|----------------------------------------|-------------------------------------|---------------------------------------|---------------------------------------|----------------------------|-----------|--------------------|---------------------------------------|-------------------|---------------------|--|--|--|
| 104 South 4th Street Artesia NM, 88210 |                                     | Project Number:<br>Project Manager    |                                       | 9034-0016<br>Greg Crabtree |           |                    |                                       |                   | 8/18/2022 3:56:37PM |  |  |  |
|                                        |                                     | Anions                                | by EPA                                | 300.0/9056 <i>A</i>        | 4         |                    |                                       |                   | Analyst: RAS        |  |  |  |
| Analyte                                | Result<br>mg/kg                     | Reporting<br>Limit<br>mg/kg           | Spike<br>Level<br>mg/kg               | Source<br>Result<br>mg/kg  | Rec<br>%  | Rec<br>Limits<br>% | RPD<br>%                              | RPD<br>Limit<br>% | Notes               |  |  |  |
| Blank (2234046-BLK1)                   | Prepared: 08/17/22 Analyzed: 08/17. |                                       |                                       |                            |           |                    |                                       |                   | nalyzed: 08/17/22   |  |  |  |
| Chloride                               | ND                                  | 20.0                                  |                                       |                            |           |                    |                                       |                   |                     |  |  |  |
| LCS (2234046-BS1)                      |                                     |                                       |                                       |                            |           |                    | Prepared: 08/17/22 Analyzed: 08/17/22 |                   |                     |  |  |  |
| Chloride                               | 243                                 | 20.0                                  | 250                                   |                            | 97.4      | 90-110             |                                       |                   |                     |  |  |  |
| LCS Dup (2234046-BSD1)                 |                                     |                                       | Prepared: 08/17/22 Analyzed: 08/17/22 |                            |           |                    |                                       |                   |                     |  |  |  |
| Chloride                               | 243                                 | 20.0                                  | 250                                   |                            | 97.1      | 90-110             | 0.283                                 | 20                |                     |  |  |  |

#### QC Summary Report Comment:

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



### **Definitions and Notes**

| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                |
|----------------------|------------------|-------------------------|----------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:      |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 08/18/22 15:56 |

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.



| 20                | 1366         |        |                      |                                                  |                           | Bill To |               | ]               |                 | La           | b Us        |             |          |       |      |    |    | TA |     |        | EPA P   | rogram |
|-------------------|--------------|--------|----------------------|--------------------------------------------------|---------------------------|---------|---------------|-----------------|-----------------|--------------|-------------|-------------|----------|-------|------|----|----|----|-----|--------|---------|--------|
| <u>:1:</u>        | Ocotillo     | ACT !  | Feylera              | 1 12                                             | Attention:                |         |               | Lab             | WO#             | ΛQ           | 10          | Job         | Num      | oo1   | ,    | くロ | 2D | 3D | Sta | andard | CWA     | SDWA   |
| <u> </u>          | اanager: ک   | ey Cra | h hree               | _                                                | Address: City, State, Zip |         |               | ΙEΘ             | 600             | 00           | Ŷ           | Analy       | rsis ar  | nd Me | thod |    | L  |    | _   |        |         | RCRA   |
| 20.               | e, Zip       |        |                      |                                                  | Phone:                    |         |               |                 |                 |              |             | ,,,,,,      | 3.5 0.   |       |      |    |    |    |     |        |         | × ×    |
| 222               |              |        |                      |                                                  | Email:                    |         |               | . 510           | 135             |              |             |             |          |       |      |    |    |    |     |        | State   |        |
|                   | Enviro       |        |                      |                                                  |                           |         |               | ъ, в<br>ф       | ρ<br>26         | 121          | 8           | 9           | 300.0    |       | ı    |    |    |    |     | NM CO  | UT AZ   | TX     |
| <u> 3 d</u>       | ue by:       |        | <del>,</del>         | <del>,                                    </del> |                           |         |               | 8               | 8               | λ<br>2       | ıy 82       | s 601       | de 3     |       |      |    |    |    |     | X      |         |        |
| 4.5 sp            | Date Sampled | Matrix | No. of<br>Containers | Sample ID                                        |                           |         | Lab<br>Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 802: | VOC by 8260 | Metals 6010 | Chloride |       |      |    |    |    |     |        | Remarks |        |
| 218               | 8116/2022    | S      | 1                    | C5-177                                           |                           |         |               | X               | X               | X            |             |             | X        |       |      |    |    |    |     |        |         |        |
|                   | 8/16/tozz    | 5      | 1                    | C5-178                                           |                           |         | 2             |                 | 1               |              |             |             | ١        |       |      |    |    |    |     |        |         |        |
| <u>-</u><br>१८;२५ | 811612022    | S      | ,                    | CS-179                                           |                           |         | 3             |                 |                 |              |             |             |          |       |      |    | ·  |    |     |        |         |        |
|                   | 811612022    | 5      | 1                    | CS-180                                           |                           |         | 4             |                 |                 |              |             |             |          |       |      |    |    |    |     |        |         |        |
|                   | 81161 COZZ   |        | 1                    | cs-181                                           |                           |         | 5             |                 | П               |              |             |             |          |       |      |    |    |    |     |        |         |        |
|                   | 81.612022    | 5      |                      | CS-182                                           |                           |         | 0             |                 |                 |              |             |             |          |       |      |    |    |    |     |        |         |        |
|                   | 8116/2022    | 5      | 1                    | CS-183                                           |                           |         | 7             |                 |                 |              |             |             |          |       |      |    |    |    |     |        |         |        |
|                   | ક્ષાકાહા     | 5      | 1                    | CS -184                                          |                           |         | 8             |                 |                 |              |             |             |          |       |      |    |    |    |     |        |         |        |
|                   | 811612000    |        | (                    | CS-185                                           |                           |         | 9             |                 |                 |              |             |             |          |       |      |    |    |    |     |        |         |        |
|                   | 8/16/2022    | 5      | 1                    | C5-186                                           |                           |         | 10            | L               | I               | L            | <u> </u>    |             | ト        |       |      |    |    |    |     |        |         |        |

ional Instructions:

nformation

| sampler), attest to the validity and autitime of collection is considered fraud a |                       |               | at tampering with or intentionally mislabellin<br>Sampled by: 7, Gase |               | n,                  |                       | preservation must be receive<br>p above 0 but less than 6 °C o |           |  |
|-----------------------------------------------------------------------------------|-----------------------|---------------|-----------------------------------------------------------------------|---------------|---------------------|-----------------------|----------------------------------------------------------------|-----------|--|
| sished by: (Signature)                                                            | Date<br>8116/2022     | Time<br>/3:54 | Received by: (Signature)                                              | 8 · 16 · 22   | Time /354           | Received on ice:      | Lab Use Only<br>N                                              |           |  |
| ished by: (Signature)                                                             | 9:16-22               | Time 1550     | Reteriord by (Signatura)                                              | 12/17/2C      | 9:45                | T1                    | <u>T2</u>                                                      | <u>T3</u> |  |
| iished by: (Signature)                                                            | Date                  | Time          | Received by: (Signature)                                              | Date          | Time                | AVG Temp °C           | <u> </u>                                                       |           |  |
| Matrix: S - Soil, Sd - Solid, Sg - Sludge,                                        | A - Aqueous, O - Othe | er            |                                                                       | Container Typ | e: g - glass, p - p | oly/plastic, ag - amb | er glass, v - VOA                                              |           |  |

iamples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above is is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



envirotech

| to In         | formation              |                            |               |                        |             |                          | Chain of               | Custody      |                  |                   |              |             |             |                |            |          |              |         |          |                                        | Page <u></u>   | of <u>6</u>       |
|---------------|------------------------|----------------------------|---------------|------------------------|-------------|--------------------------|------------------------|--------------|------------------|-------------------|--------------|-------------|-------------|----------------|------------|----------|--------------|---------|----------|----------------------------------------|----------------|-------------------|
| agr           | 604                    |                            |               | ····                   |             | Bil                      | ll To                  |              | 1                |                   | La           | ıb Us       | e On        | lv             |            | $\neg$   |              |         | AT       |                                        | EPA P          | ogram             |
| 0.0           | Ocotille               | ACT                        | Federa        | [#L\                   | Atte        | ntion:                   |                        |              | Lab              | WO#               |              |             | Job         | Num            | ber        | 10       | 20           | 3D      | S        | tandard                                | CWA            | SDWA              |
| T N           | lanager: 🚱             | u er                       | bhee          |                        | Add         | ress:                    |                        |              | E                | 508               | <u>'08</u>   | Q           |             |                | -0016      |          |              |         |          |                                        |                |                   |
| <u> </u>      |                        |                            |               |                        |             | State, Zip               |                        | <del></del>  | !                | ,                 |              |             | Analy       | sis a          | nd Meth    | od       | <b>_</b>     |         |          | _                                      | <u></u>        | RCRA              |
| <u>Wat</u>    | e, Zip                 |                            |               |                        | Pho         |                          |                        |              |                  |                   |              |             |             |                |            |          |              |         |          |                                        | <u> </u>       | ×                 |
| 2.            | 15                     |                            |               | <del></del>            | <u>Ema</u>  | il:                      | <del> </del>           |              | 8 25             | 8015              |              |             |             |                |            |          |              | İ       |          | NMI CO                                 | State<br>UT AZ | TX                |
|               | Enviro                 |                            |               | <del></del>            | ı           |                          |                        |              | DRO/ORO' by 8015 | þ                 | 3021         | 260         | 욢           | Chloride 300.0 |            |          |              | 1       | 1        | X                                      | 01 42          | <del>  '^  </del> |
| <u>4</u> 0    | ue by:                 |                            | No. of        | <del></del>            |             |                          | ·                      | Lab          | ğ                | )<br>  08<br>  08 | BTEX by 8021 | VOC by 8260 | Metals 6010 | ride           |            |          |              | ı       |          | 1                                      |                | LL                |
| ed<br>ed      | Date Sampled           | Matrix                     | Containers    | Sample ID              |             |                          |                        | Number       | 8                | GRO/DRO by        | вте          | λgς         | Met         | 윰              |            |          |              |         |          |                                        | Remarks        |                   |
| 12:54         | સ્ત્રીક્ષાજ્ય          | 5                          | 1             | CS- 187                |             |                          |                        | 11           | X                | ۲                 | У            |             |             | X              |            |          |              |         |          |                                        |                |                   |
| 12:57         | 8/16/2022              | \$                         | 1             | LS-189                 |             |                          |                        | 12           |                  |                   | 1            |             |             | 1              |            |          |              |         |          |                                        |                |                   |
| 13:00         | 8/1612072              | 5                          | ι             | CS-189                 |             |                          |                        | 13           |                  |                   |              |             |             |                |            |          |              |         |          |                                        |                |                   |
| 13:06         | 81612027               | S                          | \             | CS-190                 |             |                          |                        | 14           |                  |                   |              |             |             |                |            | _        | _            | 1       |          |                                        |                |                   |
| 13:09         | 8/16/2022              | 5                          | )             | C5-191                 |             |                          |                        | 15           |                  | $\coprod$         |              |             |             | Ц              |            | $\perp$  | _            | _       | 1_       | -                                      |                | ·                 |
| 137 <u>13</u> | क्षाक्षरकरर            | S                          | \             | CS-192                 |             |                          |                        | 16           | $\coprod$        | $\coprod$         | 4            |             |             | 1              |            |          | _            | _       | 1        | <del> </del>                           |                |                   |
| 13: <u>17</u> | 8/1612024              | 5_                         | 1             | cs - 193               |             |                          |                        | 17           | $\coprod$        | $\coprod$         |              |             |             |                |            |          | $\perp$      | _       |          |                                        |                |                   |
| 13: <u>21</u> | ક્ષાદાર૦૨૨             | 5                          |               | C5-194                 |             |                          |                        | 18           | $\sqcup$         | $\bot$            | $\perp$      |             |             |                |            | _        | $\downarrow$ | -       | -        | <u> </u>                               |                |                   |
| 13:25         | 811612622              | 5                          | V             | C5-195                 |             |                          |                        | 19           | $\coprod$        | 1                 | 1            |             |             |                |            | _        | _            |         | -        |                                        |                |                   |
| 13:2          | 8811612022             | 5                          | ١             | (5-196                 |             |                          |                        | 20           | سلسل             |                   | +            |             |             | ٦-             |            |          |              |         | <u> </u> |                                        |                |                   |
| ioi           | nal Instruction        | ns:                        |               |                        |             |                          |                        |              |                  |                   |              |             |             |                |            |          |              |         |          |                                        |                |                   |
|               |                        |                            |               | y of this sample. I am |             | tampering with or inten  | itionally mislabelling | the sample l | ocation          | ٦,                |              |             |             |                |            |          |              |         |          | d on ice the day i<br>in subsequent da |                | ed or received    |
| ıish          | ed by: (Signatur       |                            | Date          |                        |             | Received by: Signatu     |                        | 8.16         | 21               | Time              | 175          | <br><↓↓     | Pos         | ivoc           | on ice     |          | Lab<br>V/    | Use O   | nly      |                                        |                |                   |
| Jish          | ed by: (Signatur       | re) /                      | Date          | Time                   |             | Received by: (Signate    |                        | Date         | 72<br>72         | Time 9            | 13.<br>14.   | <u> </u>    | T1          | eive c         | OII ICE    | . С      | <i>Y'</i>    | IN      |          | Т3                                     |                |                   |
| Reit          | et by: (Signatur       | John                       | Date          | //6·27 /5              | 200         | Received by: (Signatu    | ure)                   | Date         | <u> </u>         | Time              |              |             | 1           | Ton            | ے<br>1p°C_ | <u> </u> |              |         |          | <u> </u>                               |                |                   |
|               | -<br>                  | alid Sa Ct.                | ıdan A Asii   | eous O-Other           |             | <u> </u>                 |                        | Containe     | r Tvn            | e: e - i          | elass        | D - D       | oly/n       | astic          | ag - an    | ber ø    | ass. v       | / - VO/ | ١        |                                        |                | •                 |
| iMa           | trix: S - Soil, Sd - S | ond, 3g - 30<br>led 30 dav | s after resul | ts are reported unl    | ess other a | rrangements are mad      | de. Hazardous sar      |              |                  |                   |              |             |             |                |            |          |              |         |          | for the analy                          | sis of the a   | bove              |
| .5.i          | applicable only        | to those s                 | amples rec    | eived by the labora    | tory with t | his COC. The liability o | of the laboratory is   | limited to t | he an            | nount             | paid fo      | or on t     | the re      | port.          |            |          |              |         |          |                                        |                |                   |



@ envirotech

Printed: 8/17/2022 11:19:45AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

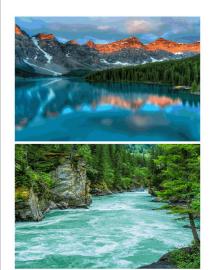
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

|             |                                                                                                                                                                                                         |                 | 08/17/22 0  | 5.15              | Work Order ID: E208086                    |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------|-------------------|-------------------------------------------|
| Phone:      | (575) 748-4217                                                                                                                                                                                          | Date Logged In: | 08/16/22 1  | 6:13              | Logged In By: Caitlin Christian           |
| Email:      | I                                                                                                                                                                                                       | Oue Date:       | 08/17/22 1  | 7:00 (0 day TAT)  |                                           |
| Chain of    | Custody (COC)                                                                                                                                                                                           |                 |             |                   |                                           |
| 1. Does th  | ne sample ID match the COC?                                                                                                                                                                             |                 | Yes         |                   |                                           |
| 2. Does th  | ne number of samples per sampling site location matcl                                                                                                                                                   | h the COC       | Yes         |                   |                                           |
| 3. Were sa  | amples dropped off by client or carrier?                                                                                                                                                                |                 | Yes         | Carrier: <u>U</u> | J <u>PS</u>                               |
| 4. Was the  | e COC complete, i.e., signatures, dates/times, requeste                                                                                                                                                 | ed analyses?    | Yes         |                   |                                           |
| 5. Were al  | Il samples received within holding time?<br>Note: Analysis, such as pH which should be conducted in ti.e, 15 minute hold time, are not included in this disucssion                                      |                 | Yes         |                   | Comments/Resolution                       |
| Sample T    | <u>urn Around Time (TAT)</u>                                                                                                                                                                            |                 |             |                   |                                           |
| 6. Did the  | COC indicate standard TAT, or Expedited TAT?                                                                                                                                                            |                 | Yes         |                   | Project has been seperated into 3 reports |
| Sample C    | <u>Cooler</u>                                                                                                                                                                                           |                 |             |                   | due to amount of samples. Workorders are  |
| 7. Was a s  | sample cooler received?                                                                                                                                                                                 |                 | Yes         |                   | as follows:                               |
| 8. If yes,  | was cooler received in good condition?                                                                                                                                                                  |                 | Yes         |                   | E208084 COC pg 1&2 of 6, E208085 COC      |
| 9. Was the  | e sample(s) received intact, i.e., not broken?                                                                                                                                                          |                 | Yes         |                   |                                           |
| 10. Were    | custody/security seals present?                                                                                                                                                                         |                 | No          |                   | pg 3&4 of 6, E208086 COC pg 5&6 of 6.     |
| 11. If yes, | were custody/security seals intact?                                                                                                                                                                     |                 | NA          |                   |                                           |
|             | e sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are reminutes of sampling visible ice, record the temperature. Actual sample to | received w/i 15 | Yes         |                   |                                           |
| Sample C    | •                                                                                                                                                                                                       | •               | <del></del> |                   |                                           |
|             | 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 containe                                                                                                                                                  | rs collected?   | Yes         |                   |                                           |
| Field Lab   | · · ·                                                                                                                                                                                                   |                 |             |                   |                                           |
|             | field sample labels filled out with the minimum inform                                                                                                                                                  | nation:         |             |                   |                                           |
|             | ample ID?                                                                                                                                                                                               |                 | Yes         |                   |                                           |
| D           | ate/Time Collected?                                                                                                                                                                                     |                 | Yes         |                   |                                           |
| C           | ollectors name?                                                                                                                                                                                         |                 | Yes         |                   |                                           |
|             | <u>reservation</u>                                                                                                                                                                                      |                 |             |                   |                                           |
|             | the COC or field labels indicate the samples were pres                                                                                                                                                  | served?         | No          |                   |                                           |
|             | ample(s) correctly preserved?                                                                                                                                                                           |                 | NA          |                   |                                           |
| 24. Is lab  | filteration required and/or requested for dissolved me                                                                                                                                                  | tals?           | No          |                   |                                           |
| Multipha    | se 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 analyz                                                                                                                                                   | ed?             | NA          |                   |                                           |
| Subcontr    | act Laboratory                                                                                                                                                                                          |                 |             |                   |                                           |
|             | amples required to get sent to a subcontract laboratory                                                                                                                                                 | ?               | No          |                   |                                           |
|             | subcontract laboratory specified by the client and if s                                                                                                                                                 |                 |             | Subcontract Lab   | o: na                                     |
|             | struction .                                                                                                                                                                                             |                 |             |                   |                                           |
| CHEIR III   | <u>struction</u>                                                                                                                                                                                        |                 |             |                   |                                           |
|             |                                                                                                                                                                                                         |                 |             |                   |                                           |
|             |                                                                                                                                                                                                         |                 |             |                   |                                           |
|             |                                                                                                                                                                                                         |                 |             |                   |                                           |
|             |                                                                                                                                                                                                         |                 |             |                   |                                           |
| 1           |                                                                                                                                                                                                         |                 |             |                   |                                           |
| 1           |                                                                                                                                                                                                         |                 |             |                   |                                           |
|             |                                                                                                                                                                                                         |                 |             |                   |                                           |

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

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 Federal #1

Work Order: E208098

Job Number: 19034-0016

Received: 8/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/19/22

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: 8/19/22

Greg Crabtree 104 South 4th Street Artesia, NM 88210

Project Name: Ocotillo ACI Federal #1

Workorder: E208098

Date Received: 8/18/2022 10:00:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/18/2022 10:00:00AM, 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

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

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

Rayny Hagan

West Texas Midland/Odessa Area

Envirotech Web Address: www.envirotech-inc.com

### **Table of Contents**

| Title Page        | 1  |
|-------------------|----|
| Cover Page        | 2  |
| Table of Contents | 3  |
| Sample Summary    | 5  |
| Sample Data       | 6  |
| CS-197            | 6  |
| CS-198            | 7  |
| CS-199            | 8  |
| CS-200            | 9  |
| CS-201            | 10 |
| CS-202            | 11 |
| CS-203            | 12 |
| CS-204            | 13 |
| CS-205            | 14 |
| CS-206            | 15 |
| CS-207            | 16 |
| CS-208            | 17 |
| CS-209            | 18 |
| CS-210            | 19 |
| CS-211            | 20 |
| CS-212            | 21 |
| CS-213            | 22 |
| CS-214            | 23 |
| CS-215            | 24 |
| CS-216            | 25 |

# Table of Contents (continued)

| QC Summary Data                                     | 26 |
|-----------------------------------------------------|----|
| QC - Volatile Organic Compounds by EPA 8260B        | 26 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO     | 27 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 28 |
| QC - Anions by EPA 300.0/9056A                      | 29 |
| Definitions and Notes                               | 30 |
| Chain of Custody etc.                               | 31 |

### **Sample Summary**

| Γ | EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 | Donoutode      |
|---|----------------------|------------------|-------------------------|----------------|
| ı | 104 South 4th Street | Project Number:  | 19034-0016              | Reported:      |
| l | Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 08/19/22 14:23 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| CS-197           | E208098-01A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-198           | E208098-02A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-199           | E208098-03A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-200           | E208098-04A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-201           | E208098-05A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-202           | E208098-06A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-203           | E208098-07A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-204           | E208098-08A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-205           | E208098-09A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-206           | E208098-10A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-207           | E208098-11A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-208           | E208098-12A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-209           | E208098-13A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-210           | E208098-14A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-211           | E208098-15A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-212           | E208098-16A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-213           | E208098-17A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-214           | E208098-18A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-215           | E208098-19A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-216           | E208098-20A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |



EOG ResourcesProject Name:Ocotillo ACI Federal #1104 South 4th StreetProject Number:19034-0016Reported:Artesia NM, 88210Project Manager:Greg Crabtree8/19/2022 2:23:20PM

### CS-197 E208098-01

|                                                |        | Reporting |        |            |          |          |                |
|------------------------------------------------|--------|-----------|--------|------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion       | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: l | IY       |          | Batch: 2234062 |
| Benzene                                        | ND     | 0.0250    | 1      | l          | 08/18/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      | l          | 08/18/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      | l          | 08/18/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      | l          | 08/18/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      | l          | 08/18/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      | l          | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  | ·      | 98.8 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 98.7 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 104 %     | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | -      | Analyst: l | IY       |          | Batch: 2234062 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      | [          | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 98.8 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 98.7 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 104 %     | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: J | JL       |          | Batch: 2234072 |
| Diesel Range Organics (C10-C28)                | 35.1   | 25.0      | 1      |            | 08/18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 62.4   | 50.0      | 1      | l          | 08/18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 98.5 %    | 50-200 |            | 08/18/22 | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: l | RAS      |          | Batch: 2234074 |
|                                                |        |           |        |            |          |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:23:20PM |

#### **CS-198**

|                                                |        | Reporting |        |          |          |          |                |
|------------------------------------------------|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dil    | lution   | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234062 |
| Benzene                                        | ND     | 0.0250    |        | 1        | 08/18/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    |        | 1        | 08/18/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    |        | 1        | 08/18/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    |        | 1        | 08/18/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    |        | 1        | 08/18/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    |        | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 98.0 %    | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 98.8 %    | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %     | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234062 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      |        | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 98.0 %    | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 98.8 %    | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %     | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: | JL       |          | Batch: 2234072 |
| Diesel Range Organics (C10-C28)                | 153    | 25.0      |        | 1        | 08/18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 310    | 50.0      |        | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 114 %     | 50-200 |          | 08/18/22 | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: | RAS      |          | Batch: 2234074 |
| Chloride                                       | 90.0   | 20.0      |        | 1        | 08/18/22 | 08/18/22 |                |
|                                                |        |           |        |          |          |          |                |



| EOG Resources    |      | Project Name:    | Ocotillo ACI Federal #1 |                     |
|------------------|------|------------------|-------------------------|---------------------|
| 104 South 4th St | reet | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 882  | 10   | Project Manager: | Greg Crabtree           | 8/19/2022 2:23:20PM |

#### CS-199

|                                                |        | Reporting |        |          |          |          |                |
|------------------------------------------------|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | ition    | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234062 |
| Benzene                                        | ND     | 0.0250    | 1      | l        | 08/18/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      | l        | 08/18/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      | l        | 08/18/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      | l        | 08/18/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      | l        | 08/18/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 99.7 %    | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 98.4 %    | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %     | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234062 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 99.7 %    | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 98.4 %    | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %     | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: | JL       |          | Batch: 2234072 |
| Diesel Range Organics (C10-C28)                | 73.6   | 25.0      | 1      | 1        | 08/18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 162    | 50.0      | 1      | l        | 08/18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 101 %     | 50-200 |          | 08/18/22 | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: | RAS      |          | Batch: 2234074 |
|                                                |        |           |        |          |          |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:23:20PM |

#### **CS-200**

|                                                |        | Reporting |        |             |          |          |                |
|------------------------------------------------|--------|-----------|--------|-------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | ition       | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: Γ  | Y        |          | Batch: 2234062 |
| Benzene                                        | ND     | 0.0250    | 1      | I           | 08/18/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      | l           | 08/18/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      | l           | 08/18/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      | l           | 08/18/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      | l           | 08/18/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      | l           | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 98.4 %    | 70-130 |             | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 99.1 %    | 70-130 |             | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %     | 70-130 |             | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: Γ  | Y        |          | Batch: 2234062 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      | l           | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 98.4 %    | 70-130 |             | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 99.1 %    | 70-130 |             | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %     | 70-130 |             | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: Jl | L        |          | Batch: 2234072 |
| Diesel Range Organics (C10-C28)                | 124    | 25.0      | 1      | 1           | 08/18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 284    | 50.0      | 1      | [           | 08/18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 102 %     | 50-200 |             | 08/18/22 | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: R  | RAS      |          | Batch: 2234074 |
| Amons by EFA 500.0/9050A                       |        |           |        |             |          |          |                |



| EOG Resources    |      | Project Name:    | Ocotillo ACI Federal #1 |                     |
|------------------|------|------------------|-------------------------|---------------------|
| 104 South 4th St | reet | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 882  | 10   | Project Manager: | Greg Crabtree           | 8/19/2022 2:23:20PM |

#### **CS-201**

|                                                |        | Reporting |        |              |          |                  |
|------------------------------------------------|--------|-----------|--------|--------------|----------|------------------|
| Analyte                                        | Result | Limit     | Diluti | ion Prepared | Analyzed | Notes            |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     | A      | analyst: IY  |          | Batch: 2234062   |
| Benzene                                        | ND     | 0.0250    | 1      | 08/18/22     | 08/18/22 |                  |
| Ethylbenzene                                   | ND     | 0.0250    | 1      | 08/18/22     | 08/18/22 |                  |
| Toluene                                        | ND     | 0.0250    | 1      | 08/18/22     | 08/18/22 |                  |
| o-Xylene                                       | ND     | 0.0250    | 1      | 08/18/22     | 08/18/22 |                  |
| p,m-Xylene                                     | ND     | 0.0500    | 1      | 08/18/22     | 08/18/22 |                  |
| Total Xylenes                                  | ND     | 0.0250    | 1      | 08/18/22     | 08/18/22 |                  |
| Surrogate: Bromofluorobenzene                  |        | 100 %     | 70-130 | 08/18/22     | 08/18/22 |                  |
| Surrogate: 1,2-Dichloroethane-d4               |        | 98.8 %    | 70-130 | 08/18/22     | 08/18/22 |                  |
| Surrogate: Toluene-d8                          |        | 104 %     | 70-130 | 08/18/22     | 08/18/22 |                  |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | А      | analyst: IY  |          | Batch: 2234062   |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      | 08/18/22     | 08/18/22 |                  |
| Surrogate: Bromofluorobenzene                  |        | 100 %     | 70-130 | 08/18/22     | 08/18/22 |                  |
| Surrogate: 1,2-Dichloroethane-d4               |        | 98.8 %    | 70-130 | 08/18/22     | 08/18/22 |                  |
| Surrogate: Toluene-d8                          |        | 104 %     | 70-130 | 08/18/22     | 08/18/22 |                  |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | A      | analyst: JL  |          | Batch: 2234072   |
| Diesel Range Organics (C10-C28)                | 51.1   | 25.0      | 1      | 08/18/22     | 08/18/22 |                  |
| Oil Range Organics (C28-C36)                   | 145    | 50.0      | 1      | 08/18/22     | 08/18/22 |                  |
| Surrogate: n-Nonane                            |        | 104 %     | 50-200 | 08/18/22     | 08/18/22 |                  |
|                                                | mg/kg  | mg/kg     | А      | analyst: RAS |          | Batch: 2234074   |
| Anions by EPA 300.0/9056A                      | mg/kg  | gg        |        | ,            |          | Buten: 225 107 1 |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:23:20PM |

#### **CS-202**

|                                                |        | Reporting |        |             |          |          |                |
|------------------------------------------------|--------|-----------|--------|-------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion        | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: IY | 7        |          | Batch: 2234062 |
| Benzene                                        | ND     | 0.0250    | 1      |             | 08/18/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      | Į.          | 08/18/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      | Į.          | 08/18/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      | ļ.          | 08/18/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      | Į.          | 08/18/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      | ļ           | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 96.4 %    | 70-130 |             | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 98.2 %    | 70-130 |             | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 104 %     | 70-130 |             | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | ٠      | Analyst: IY | 7        |          | Batch: 2234062 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      |             | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 96.4 %    | 70-130 |             | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 98.2 %    | 70-130 |             | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 104 %     | 70-130 |             | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: JL |          |          | Batch: 2234072 |
| Diesel Range Organics (C10-C28)                | 59.6   | 25.0      | 1      |             | 08/18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 147    | 50.0      | 1      | ļ.          | 08/18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 81.1 %    | 50-200 |             | 08/18/22 | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: R. | AS       |          | Batch: 2234074 |
| Amons by EPA 500.0/9050A                       | υ υ    |           |        |             |          |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:23:20PM |

#### **CS-203**

|                                                |        | Reporting |        |          |          |          |                |
|------------------------------------------------|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion     | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234062 |
| Benzene                                        | ND     | 0.0250    | 1      | l        | 08/18/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      | [        | 08/18/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      | l        | 08/18/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      | l        | 08/18/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      | l        | 08/18/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 99.8 %    | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 101 %     | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %     | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234062 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 99.8 %    | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 101 %     | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %     | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: | JL       |          | Batch: 2234072 |
| Diesel Range Organics (C10-C28)                | 109    | 25.0      | 1      | 1        | 08/18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 267    | 50.0      | 1      | <u> </u> | 08/18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 97.9 %    | 50-200 |          | 08/18/22 | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: | RAS      |          | Batch: 2234074 |
|                                                |        |           |        |          |          | 08/18/22 |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:23:20PM |

#### CS-204

|                                                |        | Reporting |        |            |          |          |                |
|------------------------------------------------|--------|-----------|--------|------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion       | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     | I      | Analyst: I | Y        |          | Batch: 2234062 |
| Benzene                                        | ND     | 0.0250    | 1      |            | 08/18/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      |            | 08/18/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      |            | 08/18/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      |            | 08/18/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      |            | 08/18/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      |            | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 100 %     | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.4 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %     | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | 1      | Analyst: I | Y        |          | Batch: 2234062 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      |            | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 100 %     | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.4 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %     | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | 1      | Analyst: J | L        |          | Batch: 2234072 |
| Diesel Range Organics (C10-C28)                | 74.2   | 25.0      | 1      |            | 08/18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 178    | 50.0      | 1      |            | 08/18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 101 %     | 50-200 |            | 08/18/22 | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | 1      | Analyst: F | RAS      |          | Batch: 2234074 |
| Chloride                                       | 147    | 20.0      | 1      |            | 08/18/22 | 08/18/22 |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:23:20PM |

#### **CS-205**

|                                                |        | Reporting |        |              |       |          |                |
|------------------------------------------------|--------|-----------|--------|--------------|-------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion Pre     | pared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     | 1      | Analyst: IY  |       |          | Batch: 2234062 |
| Benzene                                        | ND     | 0.0250    | 1      | 08/          | 18/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      | 08/          | 18/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      | 08/          | 18/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      | 08/          | 18/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      | 08/          | 18/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      | 08/          | 18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 98.1 %    | 70-130 | 08/          | 18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 103 %     | 70-130 | 08/          | 18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 104 %     | 70-130 | 08/          | 18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | 1      | Analyst: IY  |       |          | Batch: 2234062 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      | 08/          | 18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 98.1 %    | 70-130 | 08/          | 18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 103 %     | 70-130 | 08/          | 18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 104 %     | 70-130 | 08/          | 18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | 1      | Analyst: JL  |       |          | Batch: 2234072 |
| Diesel Range Organics (C10-C28)                | 95.1   | 25.0      | 1      | 08/          | 18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 201    | 50.0      | 1      | 08/          | 18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 101 %     | 50-200 | 08/          | 18/22 | 08/18/22 |                |
|                                                | mg/kg  | mg/kg     | 1      | Analyst: RAS |       |          | Batch: 2234074 |
| Anions by EPA 300.0/9056A                      | mg ng  | 88        |        |              |       |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:23:20PM |

#### **CS-206**

|                                                |        | Reporting |        |            |          |          |                |
|------------------------------------------------|--------|-----------|--------|------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion       | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: I | Y        |          | Batch: 2234062 |
| Benzene                                        | ND     | 0.0250    | 1      |            | 08/18/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      |            | 08/18/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      |            | 08/18/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      |            | 08/18/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      |            | 08/18/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      |            | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 93.5 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 100 %     | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 97.2 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: I | Y        |          | Batch: 2234062 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      |            | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 93.5 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 100 %     | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 97.2 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: J | L        |          | Batch: 2234072 |
| Diesel Range Organics (C10-C28)                | 96.2   | 25.0      | 1      |            | 08/18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 207    | 50.0      | 1      | <u> </u>   | 08/18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 93.7 %    | 50-200 |            | 08/18/22 | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: F | RAS      |          | Batch: 2234074 |
|                                                |        |           |        |            |          |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:23:20PM |

#### **CS-207**

|                                                |        | Reporting |        |            |          |          |                |
|------------------------------------------------|--------|-----------|--------|------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion       | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: 1 | IY       |          | Batch: 2234062 |
| Benzene                                        | ND     | 0.0250    | 1      | l          | 08/18/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      | l          | 08/18/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      | l          | 08/18/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      | 1          | 08/18/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      | 1          | 08/18/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      | [          | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 95.0 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 99.4 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 100 %     | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: 1 | IY       |          | Batch: 2234062 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      | 1          | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 95.0 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 99.4 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 100 %     | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: . | JL       |          | Batch: 2234072 |
| Diesel Range Organics (C10-C28)                | 53.8   | 25.0      | 1      | 1          | 08/18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 122    | 50.0      | 1      | l          | 08/18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 98.7 %    | 50-200 |            | 08/18/22 | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: 1 | RAS      |          | Batch: 2234074 |
|                                                |        |           |        |            |          |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:23:20PM |

#### **CS-208**

|                                                |        | Reporting |        |            |          |          |                |
|------------------------------------------------|--------|-----------|--------|------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion       | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     | I      | Analyst: Γ | Y        |          | Batch: 2234062 |
| Benzene                                        | ND     | 0.0250    | 1      |            | 08/18/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      |            | 08/18/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      |            | 08/18/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      |            | 08/18/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      |            | 08/18/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      |            | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 96.2 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 101 %     | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 99.1 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | 1      | Analyst: Γ | Y        |          | Batch: 2234062 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      |            | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 96.2 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 101 %     | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 99.1 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | 1      | Analyst: J | L        |          | Batch: 2234072 |
| Diesel Range Organics (C10-C28)                | 41.4   | 25.0      | 1      |            | 08/18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 97.5   | 50.0      | 1      |            | 08/18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 98.5 %    | 50-200 |            | 08/18/22 | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: R | AS       |          | Batch: 2234074 |
|                                                |        |           |        |            |          | 08/18/22 | ·              |



| EOG Resources    |      | Project Name:    | Ocotillo ACI Federal #1 |                     |
|------------------|------|------------------|-------------------------|---------------------|
| 104 South 4th St | reet | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 882  | 10   | Project Manager: | Greg Crabtree           | 8/19/2022 2:23:20PM |

#### **CS-209**

|                                                |        | Reporting |        |          |          |          |                |
|------------------------------------------------|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilı   | ıtion    | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234062 |
| Benzene                                        | ND     | 0.0250    |        | 1        | 08/18/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    |        | 1        | 08/18/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    |        | 1        | 08/18/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    |        | 1        | 08/18/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    |        | 1        | 08/18/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    |        | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 95.6 %    | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 102 %     | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 97.3 %    | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234062 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      |        | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 95.6 %    | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 102 %     | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 97.3 %    | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: | JL       |          | Batch: 2234072 |
| Diesel Range Organics (C10-C28)                | 49.5   | 25.0      |        | 1        | 08/18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 66.4   | 50.0      |        | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 97.4 %    | 50-200 |          | 08/18/22 | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: | RAS      |          | Batch: 2234074 |
|                                                |        |           |        |          |          |          |                |



| EOG Resources    |      | Project Name:    | Ocotillo ACI Federal #1 |                     |
|------------------|------|------------------|-------------------------|---------------------|
| 104 South 4th St | reet | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 882  | 10   | Project Manager: | Greg Crabtree           | 8/19/2022 2:23:20PM |

#### **CS-210**

|                                                |        | Reporting |        |             |          |          |                |
|------------------------------------------------|--------|-----------|--------|-------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion        | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     | 1      | Analyst: IY | -        |          | Batch: 2234062 |
| Benzene                                        | ND     | 0.0250    | 1      |             | 08/18/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      |             | 08/18/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      |             | 08/18/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      |             | 08/18/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      |             | 08/18/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      |             | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 90.3 %    | 70-130 |             | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 99.5 %    | 70-130 |             | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 97.2 %    | 70-130 |             | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | 1      | Analyst: IY | •        |          | Batch: 2234062 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      |             | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 90.3 %    | 70-130 |             | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 99.5 %    | 70-130 |             | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 97.2 %    | 70-130 |             | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | 1      | Analyst: JL | ,        |          | Batch: 2234072 |
| Diesel Range Organics (C10-C28)                | 95.3   | 25.0      | 1      | •           | 08/18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 140    | 50.0      | 1      |             | 08/18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 94.9 %    | 50-200 |             | 08/18/22 | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | 1      | Analyst: RA | AS       |          | Batch: 2234074 |
| I I I I I I I I I I I I I I I I I I I          |        |           |        |             |          |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:23:20PM |

### CS-211

| E-20  | OOO  | 8-15    |
|-------|------|---------|
| H.Z.U | XIII | יו – אי |
|       |      |         |

|                                                |        | Reporting |          |         |          |          |                |
|------------------------------------------------|--------|-----------|----------|---------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Di       | lution  | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |          | Analyst | : IY     |          | Batch: 2234062 |
| Benzene                                        | ND     | 0.0250    |          | 1       | 08/18/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    |          | 1       | 08/18/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    |          | 1       | 08/18/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    |          | 1       | 08/18/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    |          | 1       | 08/18/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    |          | 1       | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 93.9 %    | 70-130   |         | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 98.9 %    | 70-130   |         | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 101 %     | 70-130   |         | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |          | Analyst | : IY     |          | Batch: 2234062 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      |          | 1       | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 93.9 %    | 70-130   |         | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 98.9 %    | 70-130   |         | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 101 %     | 70-130   |         | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |          | Analyst | : Л      |          | Batch: 2234072 |
| Diesel Range Organics (C10-C28)                | 120    | 50.0      |          | 2       | 08/18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 174    | 100       |          | 2       | 08/18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 95.7 %    | 50-200   |         | 08/18/22 | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |          | Analyst | : RAS    |          | Batch: 2234074 |
| Chloride                                       | 351    | 20.0      | <u> </u> | 1       | 08/18/22 | 08/18/22 | •              |

| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:23:20PM |

#### **CS-212**

|                                                |        | Reporting |        |            |          |          |                |
|------------------------------------------------|--------|-----------|--------|------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion       | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: I | Y        |          | Batch: 2234062 |
| Benzene                                        | ND     | 0.0250    | 1      |            | 08/18/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      |            | 08/18/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      |            | 08/18/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      |            | 08/18/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      |            | 08/18/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      |            | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 95.6 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 100 %     | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 95.0 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: I | Y        |          | Batch: 2234062 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      | l          | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 95.6 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 100 %     | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 95.0 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: J | L        |          | Batch: 2234072 |
| Diesel Range Organics (C10-C28)                | 55.6   | 25.0      | 1      |            | 08/18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 77.9   | 50.0      | 1      |            | 08/18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 90.5 %    | 50-200 |            | 08/18/22 | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: F | RAS      |          | Batch: 2234074 |
|                                                |        |           |        |            |          |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:23:20PM |

#### **CS-213**

|                                                |        | Reporting |        |            |          |          |                |
|------------------------------------------------|--------|-----------|--------|------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion       | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: Γ | Y        |          | Batch: 2234062 |
| Benzene                                        | ND     | 0.0250    | 1      |            | 08/18/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      | l          | 08/18/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      | Į.         | 08/18/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      | Į.         | 08/18/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      | Į.         | 08/18/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      |            | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 96.2 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.4 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 99.6 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: Γ | Y        |          | Batch: 2234062 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      |            | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 96.2 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.4 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 99.6 %    | 70-130 |            | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: J | L        |          | Batch: 2234072 |
| Diesel Range Organics (C10-C28)                | 116    | 50.0      | 2      | 2          | 08/18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 184    | 100       | 2      | 2          | 08/18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 93.0 %    | 50-200 |            | 08/18/22 | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: R | RAS      |          | Batch: 2234074 |
| Amons by ETA 500.0/3030A                       |        |           |        |            |          |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:23:20PM |

#### **CS-214**

|                                                |        | Reporting |        |          |          |          |                |
|------------------------------------------------|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | ıtion    | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234062 |
| Benzene                                        | ND     | 0.0250    |        | 1        | 08/18/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    |        | 1        | 08/18/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    |        | 1        | 08/18/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    |        | 1        | 08/18/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    |        | 1        | 08/18/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | Ī      | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 95.3 %    | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 104 %     | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 99.7 %    | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234062 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      |        | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 95.3 %    | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 104 %     | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 99.7 %    | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: | JL       |          | Batch: 2234072 |
| Diesel Range Organics (C10-C28)                | 59.8   | 25.0      |        | 1        | 08/18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 88.3   | 50.0      |        | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 99.3 %    | 50-200 |          | 08/18/22 | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: | RAS      |          | Batch: 2234074 |
|                                                |        |           |        |          |          | ·        |                |



| EOG Resources    |      | Project Name:    | Ocotillo ACI Federal #1 |                     |
|------------------|------|------------------|-------------------------|---------------------|
| 104 South 4th St | reet | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 882  | 10   | Project Manager: | Greg Crabtree           | 8/19/2022 2:23:20PM |

#### **CS-215**

|                                                |        | Reporting |        |          |          |          |                |
|------------------------------------------------|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Di     | lution   | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: | : IY     |          | Batch: 2234062 |
| Benzene                                        | ND     | 0.0250    |        | 1        | 08/18/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    |        | 1        | 08/18/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    |        | 1        | 08/18/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    |        | 1        | 08/18/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    |        | 1        | 08/18/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    |        | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 88.6 %    | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 105 %     | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 95.0 %    | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: | : IY     |          | Batch: 2234062 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      |        | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 88.6 %    | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 105 %     | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 95.0 %    | 70-130 |          | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: | : Л      |          | Batch: 2234072 |
| Diesel Range Organics (C10-C28)                | 61.7   | 25.0      |        | 1        | 08/18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 99.7   | 50.0      |        | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 98.2 %    | 50-200 |          | 08/18/22 | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: | : RAS    |          | Batch: 2234074 |
| Chloride                                       | 1040   | 20.0      |        | 1        | 08/18/22 | 08/18/22 |                |
| Chloride                                       |        |           |        |          |          | 08/18/22 | Batch. 2       |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:23:20PM |

#### **CS-216**

|                                                |        | Reporting |        |              |               |                |
|------------------------------------------------|--------|-----------|--------|--------------|---------------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion Prepa   | red Analyzed  | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     | 1      | Analyst: IY  |               | Batch: 2234062 |
| Benzene                                        | ND     | 0.0250    | 1      | 08/18        | /22 08/18/22  |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      | 08/18        | /22 08/18/22  |                |
| Toluene                                        | ND     | 0.0250    | 1      | 08/18        | /22 08/18/22  |                |
| o-Xylene                                       | ND     | 0.0250    | 1      | 08/18        | /22 08/18/22  |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      | 08/18        | /22 08/18/22  |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      | 08/18        | /22 08/18/22  |                |
| Surrogate: Bromofluorobenzene                  |        | 97.1 %    | 70-130 | 08/18        | //22 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 98.3 %    | 70-130 | 08/18        | //22 08/18/22 |                |
| Surrogate: Toluene-d8                          |        | 97.4 %    | 70-130 | 08/18        | /22 08/18/22  |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | 1      | Analyst: IY  |               | Batch: 2234062 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      | 08/18        | /22 08/18/22  |                |
| Surrogate: Bromofluorobenzene                  |        | 97.1 %    | 70-130 | 08/18        | //22 08/18/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 98.3 %    | 70-130 | 08/18        | /22 08/18/22  |                |
| Surrogate: Toluene-d8                          |        | 97.4 %    | 70-130 | 08/18        | //22 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: JL  |               | Batch: 2234072 |
| Diesel Range Organics (C10-C28)                | 85.6   | 25.0      | 1      | 08/18        | /22 08/18/22  |                |
| Oil Range Organics (C28-C36)                   | 107    | 50.0      | 1      | 08/18        | /22 08/18/22  |                |
| Surrogate: n-Nonane                            |        | 99.2 %    | 50-200 | 08/18        | //22 08/18/22 |                |
|                                                | mg/kg  | mg/kg     | 1      | Analyst: RAS |               | Batch: 2234074 |
| Anions by EPA 300.0/9056A                      | mg ng  | 88        |        |              |               |                |



### **QC Summary Data**

EOG ResourcesProject Name:Ocotillo ACI Federal #1Reported:104 South 4th StreetProject Number:19034-0016Artesia NM, 88210Project Manager:Greg Crabtree8/19/20222:23:20PM

| Result                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Artesia NM, 88210                |       | Project Manager: | : G1    | reg Crabtree |         |        |              | 8/          | 19/2022 2:23:20PM |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------|------------------|---------|--------------|---------|--------|--------------|-------------|-------------------|
| Result   Limit   Level   Result   Result   Result   Rec   Limits   RPD   Limit   Limit   RPD   Recult   Recul |                                  | •     | Volatile Organi  | c Compo | unds by EP   | A 82601 | В      |              |             | Analyst: IY       |
| Blank (234062-BLK1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Analyte                          |       | Limit            | Level   | Result       | Rec     |        |              | Limit       |                   |
| Benzene   ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                  | mg/kg | mg/kg            | mg/kg   | mg/kg        | %       | %      | %            | %           | Notes             |
| Ethylbenzene ND 0.0250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Blank (2234062-BLK1)             |       |                  |         |              |         |        | Prepared: 08 | 8/18/22 Ana | lyzed: 08/18/22   |
| ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Benzene                          |       |                  |         |              |         |        |              |             |                   |
| o-Xylene         ND num-Xylene         0.0250 num-Xylene         ND num-Xylene         ND num-Xylene         0.0500 num-Xylene         97.4 num-Xylene         70-130 num-Xylene         70-130 num-Xylene         70-130 num-Xylene         70-130 num-Xylene         70-130 num-Xylene         70-130 num-Xylene         70-130 num-Xylene         70-130 num-Xylene         70-130 num-Xylene         70-130 num-Xylene         70-130 num-Xylene         70-130 num-Xylene         70-130 num-Xylene         70-130 num-Xylene         70-130 num-Xylene         70-130 num-Xylene         84.5 num-Xylene         70-130 num-Xylene         84.5 num-Xylene         70-130 num-Xylene         84.5 num-Xylene         70-130 num-Xylene         84.5 num-Xylene         70-130 num-Xylene         84.5 num-Xylene         70-130 num-Xylene         84.5 num-Xylene         70-130 num-Xylene         84.5 num-Xylene         84.5 num-Xylene         84.5 num-Xylene         70-130 num-Xylene         84.5 num-Xylene         84.5 num-Xylene         84.5 num-Xylene         84.5 num-Xylene         84.5 num-Xylene         84.5 num-Xylene         84.5 num-Xylene         84.5 num-Xylene         84.5 num-Xylene         84.5 num-Xylene         84.5 num-Xylene         84.5 num-Xylene         84.5 num-Xylene         84.5 num-Xylene         84.5 num-Xylene         84.5 num-Xylene         84.5 num-Xylene         84.5 num-Xylene         84.5 num-Xylene         84.5 num-Xylene         84.5 num-Xylene         84.5 n                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Ethylbenzene                     |       | 0.0250           |         |              |         |        |              |             |                   |
| ND   0.0500   ND   0.0250   ND   ND   ND   ND   ND   ND   ND   N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                  |       |                  |         |              |         |        |              |             |                   |
| ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | •                                |       |                  |         |              |         |        |              |             |                   |
| Surrogate: Bromofluorobenzene   0.487   0.500   97.4   70-130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | •                                |       |                  |         |              |         |        |              |             |                   |
| Surrogate: 1,2-Dichloroethane-d4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Total Xylenes                    |       | 0.0250           |         |              |         |        |              |             |                   |
| Compares   Tolunened   Compares   Surrogate: Bromofluorobenzene    | 0.487 |                  |         |              | 97.4    | 70-130 |              |             |                   |
| Prepared: 08/18/22   Analyzed: 08/18/22   Analyze | Surrogate: 1,2-Dichloroethane-d4 | 0.507 |                  | 0.500   |              | 101     | 70-130 |              |             |                   |
| Benzene   2.26   0.0250   2.50   90.2   70-130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Surrogate: Toluene-d8            | 0.516 |                  | 0.500   |              | 103     | 70-130 |              |             |                   |
| Ethylbenzene   2.27   0.0250   2.50   90.7   70-130     Toluene   2.22   0.0250   2.50   88.7   70-130     O-Xylene   2.11   0.0250   2.50   84.5   70-130     O-Xylene   4.19   0.0500   5.00   83.8   70-130     Total Xylenes   6.30   0.0250   7.50   84.0   70-130     Surrogate: Bromofluorobenzene   0.502   0.500   100   70-130     Surrogate: Toluene-d8   0.517   0.500   103   70-130     Surrogate: Toluene-d8   0.517   0.0250   2.50   90.7   70-130   0.597   23     Ethylbenzene   2.21   0.0250   2.50   90.7   70-130   1.66   27     Toluene   2.24   0.0250   2.50   89.5   70-130   0.853   24     O-Xylene   2.15   0.0250   2.50   89.5   70-130   0.853   24     O-Xylene   2.15   0.0250   2.50   85.9   70-130   1.67   27     Surrogate: Bromofluorobenzene   0.502   0.500   5.00   85.2   70-130   1.68   27     Total Xylenes   6.41   0.0250   7.50   85.4   70-130   1.68   27     Total Xylenes   6.41   0.0250   7.50   85.4   70-130   1.68   27     Total Xylenes   6.41   0.0250   7.50   85.4   70-130   1.68   27     Total Xylenes   6.41   0.0250   7.50   85.4   70-130   1.68   27     Total Xylenes   6.41   0.0250   7.50   85.4   70-130   1.68   27     Total Xylenes   6.41   0.0250   7.50   85.4   70-130   1.68   27     Total Xylenes   6.41   0.0250   7.50   85.4   70-130   1.68   27     Total Xylenes   6.41   0.0250   7.50   85.4   70-130   1.68   27     Total Xylenes   6.41   0.0250   7.50   85.4   70-130   1.68   27     Total Xylenes   6.41   0.0250   7.50   85.0   100   70-130     Total Xylenes   6.41   0.0250   7.50   85.0   100   70-130     Total Xylenes   7.50   7.50   7.50   7.50   7.50   7.50   7.50   7.50   7.50   7.50   7.50   7.50   7.50   7.50   7.50   7.50   7.50   7.50  | LCS (2234062-BS1)                |       |                  |         |              |         |        | Prepared: 08 | 8/18/22 Ana | lyzed: 08/18/22   |
| Totuene 2.22 0.0250 2.50 88.7 70-130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Benzene                          | 2.26  | 0.0250           | 2.50    |              | 90.2    | 70-130 |              |             |                   |
| 2.11   0.0250   2.50   84.5   70-130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Ethylbenzene                     | 2.27  | 0.0250           | 2.50    |              | 90.7    | 70-130 |              |             |                   |
| p.m-Xylene 4.19 0.0500 5.00 83.8 70-130 Total Xylenes 6.30 0.0250 7.50 84.0 70-130 Total Xylenes 6.30 0.0250 7.50 84.0 70-130 Total Xylenes 6.30 0.0250 7.50 84.0 70-130 Total Xylenes 0.502 0.500 100 70-130 Total Xylenes 0.502 0.500 99.1 70-130 Total Xylenes 0.517 0.500 103 70-130 Total Xylenes 0.517 0.500 103 70-130 Total Xylenes 1.2-Dichloroethane-d4 0.496 0.500 99.1 70-130 Total Xylenes 1.2-15 0.0250 1.50 1.00 1.86 1.00 1.86 1.00 1.86 1.00 1.80 1.00 1.00 1.00 1.00 1.00 1.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Toluene                          | 2.22  | 0.0250           | 2.50    |              | 88.7    | 70-130 |              |             |                   |
| Total Xylenes   6.30   0.0250   7.50   84.0   70-130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | o-Xylene                         | 2.11  | 0.0250           | 2.50    |              | 84.5    | 70-130 |              |             |                   |
| Surrogate: Bromofluorobenzene   0.502   0.500   100   70-130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | p,m-Xylene                       |       | 0.0500           | 5.00    |              | 83.8    | 70-130 |              |             |                   |
| Surrogate: 1,2-Dichloroethane-d4 0,496 0,500 99.1 70-130   Surrogate: Toluene-d8 0,517 0,500 103 70-130    LCS Dup (2234062-BSD1) Prepared: 08/18/22 Analyzed: 08/18/22    Benzene 2.27 0,0250 2.50 90.7 70-130 0,597 23    Ethylbenzene 2.31 0,0250 2.50 92.4 70-130 1.86 27    Toluene 2.24 0,0250 2.50 89.5 70-130 0.853 24    o-Xylene 2.15 0,0250 2.50 89.5 70-130 0.853 24    o-Xylene 2.15 0,0250 2.50 85.9 70-130 1.67 27    p,m-Xylene 4.26 0,0500 5.00 85.2 70-130 1.68 27    Total Xylenes 6.41 0,0250 7.50 85.4 70-130 1.68 27    Surrogate: Bromofluorobenzene 0,502 0,500 100 70-130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Total Xylenes                    | 6.30  | 0.0250           | 7.50    |              | 84.0    | 70-130 |              |             |                   |
| CCS Dup (2234062-BSD1)   Prepared: 08/18/22   Analyzed: 08/18/22   Ana | Surrogate: Bromofluorobenzene    | 0.502 |                  | 0.500   |              | 100     | 70-130 |              |             |                   |
| Prepared: 08/18/22   Analyzed: 08/18/22   Analyzed: 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Surrogate: 1,2-Dichloroethane-d4 | 0.496 |                  | 0.500   |              | 99.1    | 70-130 |              |             |                   |
| Benzene       2.27       0.0250       2.50       90.7       70-130       0.597       23         Ethylbenzene       2.31       0.0250       2.50       92.4       70-130       1.86       27         Toluene       2.24       0.0250       2.50       89.5       70-130       0.853       24         o-Xylene       2.15       0.0250       2.50       85.9       70-130       1.67       27         p,m-Xylene       4.26       0.0500       5.00       85.2       70-130       1.68       27         Total Xylenes       6.41       0.0250       7.50       85.4       70-130       1.68       27         Surrogate: Bromofluorobenzene       0.502       0.500       100       70-130       1.68       27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Surrogate: Toluene-d8            | 0.517 |                  | 0.500   |              | 103     | 70-130 |              |             |                   |
| Ethylbenzene       2.31       0.0250       2.50       92.4       70-130       1.86       27         Toluene       2.24       0.0250       2.50       89.5       70-130       0.853       24         o-Xylene       2.15       0.0250       2.50       85.9       70-130       1.67       27         p,m-Xylene       4.26       0.0500       5.00       85.2       70-130       1.68       27         Total Xylenes       6.41       0.0250       7.50       85.4       70-130       1.68       27         Surrogate: Bromofluorobenzene       0.502       0.500       100       70-130       1.68       27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LCS Dup (2234062-BSD1)           |       |                  |         |              |         |        | Prepared: 08 | 8/18/22 Ana | lyzed: 08/18/22   |
| Ethylbenzene       2.31       0.0250       2.50       92.4       70-130       1.86       27         Toluene       2.24       0.0250       2.50       89.5       70-130       0.853       24         o-Xylene       2.15       0.0250       2.50       85.9       70-130       1.67       27         p,m-Xylene       4.26       0.0500       5.00       85.2       70-130       1.68       27         Total Xylenes       6.41       0.0250       7.50       85.4       70-130       1.68       27         Surrogate: Bromofluorobenzene       0.502       0.500       100       70-130       1.68       27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Benzene                          | 2.27  | 0.0250           | 2.50    |              | 90.7    | 70-130 | 0.597        | 23          |                   |
| Toluene     2.24     0.0250     2.50     89.5     70-130     0.853     24       o-Xylene     2.15     0.0250     2.50     85.9     70-130     1.67     27       p,m-Xylene     4.26     0.0500     5.00     85.2     70-130     1.68     27       Total Xylenes     6.41     0.0250     7.50     85.4     70-130     1.68     27       Surrogate: Bromofluorobenzene     0.502     0.500     100     70-130     70-130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                  | 2.31  |                  | 2.50    |              | 92.4    | 70-130 | 1.86         | 27          |                   |
| p,m-Xylene 4.26 0.0500 5.00 85.2 70-130 1.68 27 Total Xylenes 6.41 0.0250 7.50 85.4 70-130 1.68 27 Surrogate: Bromofluorobenzene 0.502 0.500 100 70-130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | •                                | 2.24  | 0.0250           | 2.50    |              | 89.5    | 70-130 | 0.853        | 24          |                   |
| Total Xylenes         6.41         0.0250         7.50         85.4         70-130         1.68         27           Surrogate: Bromofluorobenzene         0.502         0.500         100         70-130         70-130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | o-Xylene                         | 2.15  | 0.0250           | 2.50    |              | 85.9    | 70-130 | 1.67         | 27          |                   |
| Surrogate: Bromofluorobenzene 0.502 0.500 100 70-130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                  | 4.26  | 0.0500           | 5.00    |              | 85.2    | 70-130 | 1.68         | 27          |                   |
| ••••                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Total Xylenes                    | 6.41  | 0.0250           | 7.50    |              | 85.4    | 70-130 | 1.68         | 27          |                   |
| Surrogate: 1,2-Dichloroethane-d4 0.502 0.500 100 70-130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Surrogate: Bromofluorobenzene    | 0.502 |                  | 0.500   |              | 100     | 70-130 |              |             |                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Surrogate: 1,2-Dichloroethane-d4 | 0.502 |                  | 0.500   |              | 100     | 70-130 |              |             |                   |

0.500

104

70-130



Surrogate: Toluene-d8

0.518

### **QC Summary Data**

EOG ResourcesProject Name:Ocotillo ACI Federal #1Reported:104 South 4th StreetProject Number:19034-0016Artesia NM, 88210Project Manager:Greg Crabtree8/19/2022 2:23:20PM

| Nonhalogenated | Organics | by EPA | 8015D - | GRO |
|----------------|----------|--------|---------|-----|
|                |          |        |         |     |

| Analyst: | . 1 |
|----------|-----|
|          |     |

| Analyte | Result | Reporting<br>Limit | Spike<br>Level | Source<br>Result | Rec | Rec<br>Limits | RPD | RPD<br>Limit |       |
|---------|--------|--------------------|----------------|------------------|-----|---------------|-----|--------------|-------|
|         | mg/kg  | mg/kg              | mg/kg          | mg/kg            | %   | %             | %   | %            | Notes |

| Blank (2234062-BLK1)             |       |      |       |      |        | Prepared: 08 | 3/18/22 Analy | zed: 08/18/22 |
|----------------------------------|-------|------|-------|------|--------|--------------|---------------|---------------|
| Gasoline Range Organics (C6-C10) | ND    | 20.0 |       |      |        |              |               |               |
| Surrogate: Bromofluorobenzene    | 0.487 |      | 0.500 | 97.4 | 70-130 |              |               |               |
| Surrogate: 1,2-Dichloroethane-d4 | 0.507 |      | 0.500 | 101  | 70-130 |              |               |               |
| Surrogate: Toluene-d8            | 0.516 |      | 0.500 | 103  | 70-130 |              |               |               |
| LCS (2234062-BS2)                |       |      |       |      |        | Prepared: 08 | 3/18/22 Analy | zed: 08/18/22 |
| Gasoline Range Organics (C6-C10) | 52.7  | 20.0 | 50.0  | 105  | 70-130 |              |               |               |
| Surrogate: Bromofluorobenzene    | 0.499 |      | 0.500 | 99.7 | 70-130 |              |               |               |
| Surrogate: 1,2-Dichloroethane-d4 | 0.517 |      | 0.500 | 103  | 70-130 |              |               |               |
| Surrogate: Toluene-d8            | 0.521 |      | 0.500 | 104  | 70-130 |              |               |               |
| LCS Dup (2234062-BSD2)           |       |      |       |      |        | Prepared: 08 | 3/18/22 Analy | zed: 08/18/22 |
| Gasoline Range Organics (C6-C10) | 51.3  | 20.0 | 50.0  | 103  | 70-130 | 2.77         | 20            |               |
| Surrogate: Bromofluorobenzene    | 0.513 |      | 0.500 | 103  | 70-130 |              |               |               |
| Surrogate: 1,2-Dichloroethane-d4 | 0.506 |      | 0.500 | 101  | 70-130 |              |               |               |
| Surrogate: Toluene-d8            | 0.518 |      | 0.500 | 104  | 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           | 8/19/2022 2:23:20PM |

| Artesia NM, 88210               |                 | Project Manager             | r: Gr                   | eg Crabtree               |          |                    |             |                   | 8/19/2022 2:23:20PM |
|---------------------------------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|-------------|-------------------|---------------------|
|                                 | Nonhal          | ogenated Or                 | ganics by l             | EPA 8015I                 | ) - DRO  | /ORO               |             |                   | Analyst: JL         |
| Analyte                         | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>%    | RPD<br>Limit<br>% | Notes               |
| Blank (2234072-BLK1)            |                 |                             |                         |                           |          |                    | Prepared: 0 | 8/18/22           | Analyzed: 08/18/22  |
| Diesel Range Organics (C10-C28) | ND              | 25.0                        |                         |                           |          |                    |             |                   |                     |
| Oil Range Organics (C28-C36)    | ND              | 50.0                        |                         |                           |          |                    |             |                   |                     |
| Surrogate: n-Nonane             | 43.5            |                             | 50.0                    |                           | 86.9     | 50-200             |             |                   |                     |
| LCS (2234072-BS1)               |                 |                             |                         |                           |          |                    | Prepared: 0 | 8/18/22           | Analyzed: 08/18/22  |
| Diesel Range Organics (C10-C28) | 232             | 25.0                        | 250                     |                           | 92.9     | 38-132             |             |                   |                     |
| Surrogate: n-Nonane             | 43.6            |                             | 50.0                    |                           | 87.3     | 50-200             |             |                   |                     |
| LCS Dup (2234072-BSD1)          |                 |                             |                         |                           |          |                    | Prepared: 0 | 8/18/22           | Analyzed: 08/18/22  |
| Diesel Range Organics (C10-C28) | 231             | 25.0                        | 250                     |                           | 92.3     | 38-132             | 0.674       | 20                |                     |
| Surrogate: n-Nonane             | 42.3            |                             | 50.0                    |                           | 84.6     | 50-200             |             |                   |                     |

LCS Dup (2234074-BSD1)

Chloride

Prepared: 08/18/22 Analyzed: 08/18/22

20

### **QC Summary Data**

| EOG Resources<br>104 South 4th Street |        | Project Name:<br>Project Number: | 19             | cotillo ACI Fe<br>9034-0016 | deral #1 |               |             |              | Reported:           |
|---------------------------------------|--------|----------------------------------|----------------|-----------------------------|----------|---------------|-------------|--------------|---------------------|
| Artesia NM, 88210                     |        | Project Manager                  | : G            | reg Crabtree                |          |               |             | 8            | 3/19/2022 2:23:20PM |
|                                       |        | Anions                           | by EPA 3       | 300.0/9056 <i>A</i>         | <b>\</b> |               |             |              | Analyst: RAS        |
| Analyte                               | Result | Reporting<br>Limit               | Spike<br>Level | Source<br>Result            | Rec      | Rec<br>Limits | RPD         | RPD<br>Limit |                     |
|                                       | mg/kg  | mg/kg                            | mg/kg          | mg/kg                       | %        | %             | %           | %            | Notes               |
| Blank (2234074-BLK1)                  |        |                                  |                |                             |          | I             | Prepared: 0 | 8/18/22 An   | alyzed: 08/18/22    |
| Chloride                              | ND     | 20.0                             |                |                             |          |               |             |              |                     |
| LCS (2234074-BS1)                     |        |                                  |                |                             |          | I             | Prepared: 0 | 8/18/22 An   | alyzed: 08/18/22    |
| Chloride                              | 250    | 20.0                             | 250            |                             | 100      | 90-110        |             |              |                     |

250

20.0

98.4

90-110

1.63

246

#### 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           | 08/19/22 14:23 |

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.



| 00 T  | :06                  |        |                      |                                  | Bill To                                                 |                      | l i        |            | Lab   | Use         | Only          | /                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 7     | Г        |              | TAT  | Г                                            | EPA P   | rogram         |
|-------|----------------------|--------|----------------------|----------------------------------|---------------------------------------------------------|----------------------|------------|------------|-------|-------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------|--------------|------|----------------------------------------------|---------|----------------|
| og: C | cofillo              | ACT:   | Federa               | (=) At                           | tention:                                                |                      | Lab        | WO#        |       | IJ          |               | umbe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | r     | 1D.      | 2D 3         | 3D   | Standard                                     | CWA     | SDWA           |
| ⇒t M  | anager: & r          | ca Cro | ob tre-              | Ac                               | ldress:                                                 |                      | E2         | 080        | 308   | 5 1         | 190           | 34-0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 016   | X        |              |      |                                              |         |                |
| 35:   |                      | ,      |                      | Cit                              | y, State, Zip                                           |                      |            |            |       | А           | nalys         | is and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Metho | Ė        |              |      | - And Tw                                     |         | RCRA           |
| ate   | , Zip                |        |                      | <u>Ph</u>                        | one:                                                    |                      | 1          |            |       |             |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |              |      |                                              |         | X              |
| 2     |                      |        |                      | <u>En</u>                        | nail:                                                   |                      | 8015       | 8015       |       |             |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          | - 1          |      |                                              | State   | 1 1            |
|       | nuivo                |        |                      |                                  |                                                         |                      | by 8       |            | 8021  | 09          | 01            | 0.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |          |              |      | NM CO                                        | UT AZ   | TX             |
| d di  | e by:                |        | T                    |                                  |                                                         |                      | ORO        | 080        | oy 8( | y 82        | s 60.         | de 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 100   |          | - 1          |      | X                                            |         |                |
| 450 P | Date Sampled         | Matrix | No. of<br>Containers | Sample ID                        |                                                         | Lab<br>Number        | DRO/ORO by | GRO/DRO by | BTEX  | VOC by 8260 | Metals 6010   | Chloride 300.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |          |              |      |                                              | Remarks |                |
| 4.56  | 8/16/2022            | 5      | )                    | 65-197                           |                                                         | 1                    | 1          | 1          | 1     |             |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |              |      |                                              |         |                |
| 4143  | 8/16/2022            | 5      | 1                    | CS-198                           |                                                         | 2                    |            |            |       |             |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |              |      |                                              |         |                |
| Y:47  | 8/16/2022            | 5      | 1                    | CS-199                           |                                                         | 3                    |            |            |       |             |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |              |      |                                              |         |                |
| X:50  | 8/1612021            | 5      | 1                    | (5-200                           |                                                         | 4                    |            |            |       |             |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |              |      |                                              |         |                |
| 4:53  | 511612022            | 5      | ١                    | 45-201                           |                                                         | 5                    |            |            |       |             |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |              |      |                                              |         |                |
| 4:57  | हा।।।८०२२            | 5      | ı                    | (2-202                           |                                                         | 0                    |            |            |       |             |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |              |      |                                              |         |                |
| 5:01  | 811612027            | 5      | 1                    | (5.703                           |                                                         | 17                   |            |            |       |             |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |              |      |                                              |         |                |
| 5:06  | Elipisoss            | 5      | ١                    | (5-204                           |                                                         | 8                    |            |            |       |             |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |              |      |                                              |         |                |
| 5:09  | 811612022            | 5      | 1                    | CS.205                           |                                                         | 9                    |            |            |       |             |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |              |      |                                              |         |                |
|       | 511610cz             | 5      | 1                    | CS-206                           |                                                         | 10                   | 1          | 1          |       |             |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |              |      |                                              |         |                |
|       | I Instruction        | is:    |                      |                                  | 1 5                                                     |                      |            |            | 12.00 |             |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |              |      |                                              |         |                |
|       |                      |        |                      | y of this sample. I am aware the | at tampering with or intentionally mislab.  Sampled by: | elling the sample lo | cation     |            |       |             |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |              |      | ived on ice the day to<br>C on subsequent da |         | ed or received |
| 1     | d by: (Signature     |        | Date                 |                                  | Received by: (Signature)                                | Date 8-/7            | .22        | Time /     | 22:   | 5           | Recei         | ved or                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ice:  | (Y       | b Use<br>X N | Only | y                                            |         |                |
| ishe  | d by: (Signature     | 12/    | Date                 | 17.22 1600                       | Received by: (Signature)                                | A 5/18               | 22         | Time       | :00   | 5           | T1            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | T2       |              |      |                                              |         |                |
| Liste | d by: (Signatur      | 1      | Date                 | Time                             | Received by: (Signature)                                | Date                 |            | Time       |       |             | AVG .         | Temp '                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ر ر   | +        |              | 100  | er v                                         |         |                |
|       | x: S - Soil, Sd - Sc |        |                      |                                  |                                                         | Container            | Tune       |            | 266 2 |             | KIII CONTROLL | A STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STA |       | or glass | - V - V      | 04   |                                              |         |                |



| RCRA |
|------|
| X    |
| X    |
| TX   |
| TX   |
|      |
|      |
|      |
|      |
|      |
|      |
|      |
|      |
|      |
|      |
|      |
|      |
|      |
|      |
|      |
|      |
|      |
|      |
|      |
|      |
|      |
|      |
|      |

Job Number 19034-0016 E208098 Address: Analysis and Metho City, State, Zip Phone: **DRO/ORO by 8015** Email: 6010 Lab Number 13 10

Lab Use Only

Lab WO#

ional Instructions: iampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, Samples requiring thermal packed in ice at an avg terr time of collection is considered fraud and may be grounds for legal action. Received by (Signature Date 8/17/2022 12:25 Received on ice: Date 8 Received by: (Signature) Time ished by: (Signature) 10:00 7.22 1600 ished by: (Signature) AVG Temp °C Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

18

19

Chain of Custody

Bill To

Attention:

Sample ID

CS-207

CS- 708

C5-209

C5-210

(5-211

C5-212

C5-213

(5-214

C5-215

CS-216

)

₹ Information

Manager:

kate, Zip

due by:

15:19 811612022

15:22 8116/2022

15:25 811612022

15.28 8/16/2022

15:32 8116120 LZ

15:35 8/16/2022

15:37 8/16/2022

15:40 8/16/2022

15:43 8/16/60 62

15:16

Date Sampled

811612022

Matrix

5

5

5

iamples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above is is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



@ envirotech

Printed: 8/18/2022 11:49:54AM

### **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.

|                                                                                                   | Date Received:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10:00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Work Order ID:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | E208098                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                   | Date Logged In:<br>Due Date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 08/17/22<br>08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 16:22<br>17:00 (0 day TAT)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Logged In By:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Caitlin Christian                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| (COC)                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <del> </del>                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Voc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                   | the COC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                   | i inic coc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Comion II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | DC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                   | d analyses?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Carrier. <u>o</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <u>rs</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                   | a analy ses.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| analysis, such as pH which should be conducted in t                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | r                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Commen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ts/Resolution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| ound Time (TAT) adicate standard TAT, or Expedited TAT?                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Project has been sepera                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ted into two reports                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | due to sample volume.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | workorders are as                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| cooler received?                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | follows: E208098 and I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | E208099                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ler received in good condition?                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| e(s) received intact, i.e., not broken?                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| /security seals present?                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ustody/security seals intact?                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| hermal preservation is not required, if samples are r                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                   | mperature: 4°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | С                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| er                                                                                                | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ace less than 6-8 mm (pea sized or less)?                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| nk (TB) included for VOC analyses?                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| samples collected in the correct containers?                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ate volume/weight or number of sample containe                                                    | rs collected?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| nple labels filled out with the minimum inform                                                    | nation:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| D?                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <u>-</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <del></del>                                                                                       | served?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| * *                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                   | tals?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <del>-</del>                                                                                      | ?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1 12 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| oratory<br>equired to get sent to a subcontract laboratory                                        | 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| equired to get sent to a subcontract laboratory tract laboratory specified by the client and if s |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | NA<br>NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Subcontract Lab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | : NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>J</b> 1                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                   | propped off by client or carrier? complete, i.e., signatures, dates/times, requesters received within holding time? complete, i.e., signatures, dates/times, requesters received within holding time? conalysis, such as pH which should be conducted in the initute hold time, are not included in this discussion.  Sound Time (TAT) dicate standard TAT, or Expedited TAT?  cooler received? er received in good condition? (s) received intact, i.e., not broken? security seals present? estody/security seals intact? received on ice? If yes, the recorded temp is 4°C, i.e. hermal preservation is not required, if samples are record sampling te, record the temperature. Actual sample temperature. Actual sample temperature. Actual sample temperature of samples present?  ples collected in VOA Vials? and less than 6-8 mm (pea sized or less)?  the (TB) included for VOC analyses? samples collected in the correct containers?  the volume/weight or number of sample containers are recorded to the correct containers?  the collected?  contained and out with the minimum information of the correct of the container of the correct of the container of the correct of the container of the correct of the container of the correct of the container of the correct of the container of the correct of the container of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of the correct of t | e ID match the COC? er of samples per sampling site location match the COC lropped off by client or carrier? complete, i.e., signatures, dates/times, requested analyses? es received within holding time? enalysis, such as pH which should be conducted in the field, ninute hold time, are not included in this discussion.  Found Time (TAT)  dicate standard TAT, or Expedited TAT?  dicate standard TAT, or Expedited TAT?  dicate standard TAT, or Expedited TAT?  cooler received? er received in good condition? (s) received intact, i.e., not broken? escurity seals present? escurity seals present?  received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C hermal preservation is not required, if samples are received w/i 15 of sampling exe, record the temperature. Actual sample temperature: 4°  Er/OC samples present? ples collected in VOA Vials? etc less than 6-8 mm (pea sized or less)? etc less than 6-8 mm (pea sized or less)? etc volume/weight or number of sample containers collected?  etc volume/weight or number of sample containers collected?  etc volume/weight or number of sample were preserved? etc or field labels indicate the samples were preserved? etc or field labels indicate the samples were preserved? etc or field labels indicate the samples were preserved? etc or field labels indicate the samples were preserved? etc or field labels indicate the samples were preserved? etcorrectly preserved? en required and/or requested for dissolved metals?  ele Matrix  ele have more than one phase, i.e., multiphase? et COC specify which phase(s) is to be analyzed? | e ID match the COC?  er of samples per sampling site location match the COC  repped off by client or carrier?  complete, i.e., signatures, dates/times, requested analyses?  respectived within holding time?  realysis, such as pH which should be conducted in the field, initiate hold time, are not included in this disussion.  reand Time (TAT)  dicate standard TAT, or Expedited TAT?  Yes  cooler received?  rer received in good condition?  (s) received intact, i.e., not broken?  received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C  hermal preservation is not required, if samples are received w/i 15  ref sampling  re, record the temperature. Actual sample temperature:  received in VOA Vials?  No  receives than 6-8 mm (pea sized or less)?  NA  samples collected in the correct containers?  respectively eight or number of sample containers collected?  Yes  reple labels filled out with the minimum information:  received?  respectively preserved?  respectively preserved?  respectively preserved?  respectively preserved?  respectively preserved?  respectively preserved?  respectively which phase(s) is to be analyzed?  No  received analyzed?  No  received intact, i.e., not broken?  Yes  received intact, i.e., not broken?  No  received intact, i.e., not broken?  Yes  received intact, i.e., not broken?  No  r | er ID match the COC? er of samples per sampling site location match the COC yes tropped off by client or carrier? Yes complete, i.e., signatures, dates/times, requested analyses? yes received within holding time? yes received within holding time? yes received mithin, as pH which should be conducted in the field, ninute hold time, are not included in this disucssion.  Indicate standard TAT, or Expedited TAT?  Yes ooler received? yes er received in good condition? yes (s) received intact, i.e., not broken? yes stody/security seals present? No security seals present? yes hermal preservation is not required, if samples are received w/i 15 of sampling yes, record the temperature. Actual sample temperature:  Yes  Yes  T OC samples present? No ples collected in VOA Vials? No was amples collected in the correct containers? Yes the volume/weight or number of sample containers collected? Yes collected? Yes collected? Yes the volume/weight or number of samples were preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved? No correctly preserved. No correct | re ID match the COC?  re of samples per sampling site location match the COC  res of samples per sampling site location match the COC  res of samples per sampling site location match the COC  res of samples per sampling site location match the COC  res of samples per sampling site location match the COC  responded fib y client or carrier?  remote of fib y client or carrier?  remote sates and sates/times, requested analyses?  received within holding time?  ready sis, such as pH which should be conducted in the field, insuite hold time, are not included in this dissuession.  remote TAT)  dicate standard TAT, or Expedited TAT?  Yes  coller received?  received in good condition?  received in good condition?  received intact, i.e., not broken?  received intact, i.e., not broken?  received intact, i.e., not broken?  received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C  received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C  received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C  received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C  received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C  received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C  received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C  received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C  received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C  received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C  received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C  received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C  received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C  received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C  received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C  received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C  received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C  received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C  received on ice? If yes, the recorded temp is 4°C, i.e |

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: E208099

Job Number: 19034-0016

Received: 8/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/19/22

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: 8/19/22

Greg Crabtree 104 South 4th Street Artesia, NM 88210

Project Name: Ocotillo ACI Federal #1

Workorder: E208099

Date Received: 8/18/2022 10:00:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/18/2022 10:00:00AM, 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

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

### **Table of Contents**

| Title Page        | 1  |
|-------------------|----|
| Cover Page        | 2  |
| Table of Contents | 3  |
| Sample Summary    | 5  |
| Sample Data       | 6  |
| CS-217            | 6  |
| CS-218            | 7  |
| CS-219            | 8  |
| CS-220            | 9  |
| CS-221            | 10 |
| CS-222            | 11 |
| CS-223            | 12 |
| CS-224            | 13 |
| CS-225            | 14 |
| CS-226            | 15 |
| CS-227            | 16 |
| CS-228            | 17 |
| CS-229            | 18 |
| CS-230            | 19 |
| CS-231            | 20 |
| CS-232            | 21 |
| CS-233            | 22 |
| CS-234            | 23 |
| CS-235            | 24 |
| CS-236            | 25 |

# Table of Contents (continued)

|    | CS-237                                              | 26 |
|----|-----------------------------------------------------|----|
|    | CS-238                                              | 27 |
|    | CS-239                                              | 28 |
|    | CS-240                                              | 29 |
|    | CS-241                                              | 30 |
|    | CS-242                                              | 31 |
|    | CS-243                                              | 32 |
| Q  | C Summary Data                                      | 33 |
|    | QC - Volatile Organic Compounds by EPA 8260B        | 33 |
|    | QC - Volatile Organics by EPA 8021B                 | 34 |
|    | QC - Nonhalogenated Organics by EPA 8015D - GRO     | 35 |
|    | QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 37 |
|    | QC - Anions by EPA 300.0/9056A                      | 39 |
| D  | efinitions and Notes                                | 41 |
| CI | nain of Custody etc.                                | 42 |

### Sample Summary

| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 | Donoutoda      |
|----------------------|------------------|-------------------------|----------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:      |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 08/19/22 14:42 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| CS-217           | E208099-01A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-218           | E208099-02A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-219           | E208099-03A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-220           | E208099-04A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-221           | E208099-05A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-222           | E208099-06A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-223           | E208099-07A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-224           | E208099-08A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-225           | E208099-09A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-226           | E208099-10A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-227           | E208099-11A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-228           | E208099-12A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-229           | E208099-13A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-230           | E208099-14A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-231           | E208099-15A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-232           | E208099-16A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-233           | E208099-17A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-234           | E208099-18A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-235           | E208099-19A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-236           | E208099-20A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-237           | E208099-21A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-238           | E208099-22A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-239           | E208099-23A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-240           | E208099-24A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-241           | E208099-25A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-242           | E208099-26A   | Soil   | 08/16/22 | 08/18/22 | Glass Jar, 2 oz. |
| CS-243           | E208099-27A   | Soil   | 08/16/22 | 08/18/22 | 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           | 8/19/2022 2:42:14PM |

### CS-217

| E20 | )80 | 199. | -01 |
|-----|-----|------|-----|
|     |     |      |     |

|                                                |        | 22000>> 01 |          |          |          |                |
|------------------------------------------------|--------|------------|----------|----------|----------|----------------|
|                                                |        | Reporting  |          |          |          |                |
| Analyte                                        | Result | Limit      | Dilution | Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg      | Anal     | yst: IY  |          | Batch: 2234063 |
| Benzene                                        | ND     | 0.0250     | 1        | 08/18/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250     | 1        | 08/18/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250     | 1        | 08/18/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250     | 1        | 08/18/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500     | 1        | 08/18/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250     | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 104 %      | 70-130   | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg      | Anal     | yst: IY  |          | Batch: 2234063 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0       | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 96.0 %     | 70-130   | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg      | Anal     | yst: JL  |          | Batch: 2234073 |
| Diesel Range Organics (C10-C28)                | 38.5   | 25.0       | 1        | 08/18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 50.6   | 50.0       | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 106 %      | 50-200   | 08/18/22 | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg      | Anal     | yst: RAS |          | Batch: 2234076 |
| Chloride                                       | 283    | 20.0       | 1        | 08/18/22 | 08/18/22 |                |
|                                                |        |            |          |          |          |                |

| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

### **CS-218**

|                                                |        | Reporting |         |            |          |                                       |
|------------------------------------------------|--------|-----------|---------|------------|----------|---------------------------------------|
| Analyte                                        | Result | Limit     | Dilutio | n Prepared | Analyzed | Notes                                 |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | An      | alyst: IY  |          | Batch: 2234063                        |
| Benzene                                        | ND     | 0.0250    | 1       | 08/18/22   | 08/18/22 |                                       |
| Ethylbenzene                                   | ND     | 0.0250    | 1       | 08/18/22   | 08/18/22 |                                       |
| Toluene                                        | ND     | 0.0250    | 1       | 08/18/22   | 08/18/22 |                                       |
| o-Xylene                                       | ND     | 0.0250    | 1       | 08/18/22   | 08/18/22 |                                       |
| p,m-Xylene                                     | ND     | 0.0500    | 1       | 08/18/22   | 08/18/22 |                                       |
| Total Xylenes                                  | ND     | 0.0250    | 1       | 08/18/22   | 08/18/22 |                                       |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 105 %     | 70-130  | 08/18/22   | 08/18/22 |                                       |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | An      | alyst: IY  |          | Batch: 2234063                        |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1       | 08/18/22   | 08/18/22 |                                       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 96.4 %    | 70-130  | 08/18/22   | 08/18/22 |                                       |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | An      | alyst: JL  |          | Batch: 2234073                        |
| Diesel Range Organics (C10-C28)                | 104    | 25.0      | 1       | 08/18/22   | 08/18/22 |                                       |
| Oil Range Organics (C28-C36)                   | 137    | 50.0      | 1       | 08/18/22   | 08/18/22 |                                       |
| Surrogate: n-Nonane                            |        | 109 %     | 50-200  | 08/18/22   | 08/18/22 |                                       |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | An      | alyst: RAS |          | Batch: 2234076                        |
| Chloride                                       | 181    | 20.0      | 1       | 08/18/22   | 08/18/22 | · · · · · · · · · · · · · · · · · · · |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

### **CS-219**

| Result | Limit                                         | Dilution                                                                                                                                                                                                                                                                                                                                                                                                                          | Prepared                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Analyzed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Notes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| mg/kg  | mg/kg                                         | Analy                                                                                                                                                                                                                                                                                                                                                                                                                             | yst: IY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Batch: 2234063                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| ND     | 0.0250                                        | 1                                                                                                                                                                                                                                                                                                                                                                                                                                 | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ND     | 0.0250                                        | 1                                                                                                                                                                                                                                                                                                                                                                                                                                 | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ND     | 0.0250                                        | 1                                                                                                                                                                                                                                                                                                                                                                                                                                 | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ND     | 0.0250                                        | 1                                                                                                                                                                                                                                                                                                                                                                                                                                 | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ND     | 0.0500                                        | 1                                                                                                                                                                                                                                                                                                                                                                                                                                 | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ND     | 0.0250                                        | 1                                                                                                                                                                                                                                                                                                                                                                                                                                 | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|        | 107 %                                         | 70-130                                                                                                                                                                                                                                                                                                                                                                                                                            | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| mg/kg  | mg/kg                                         | Analy                                                                                                                                                                                                                                                                                                                                                                                                                             | yst: IY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Batch: 2234063                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| ND     | 20.0                                          | 1                                                                                                                                                                                                                                                                                                                                                                                                                                 | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|        | 96.7 %                                        | 70-130                                                                                                                                                                                                                                                                                                                                                                                                                            | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| mg/kg  | mg/kg                                         | Analy                                                                                                                                                                                                                                                                                                                                                                                                                             | yst: JL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Batch: 2234073                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 40.3   | 25.0                                          | 1                                                                                                                                                                                                                                                                                                                                                                                                                                 | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 58.0   | 50.0                                          | 1                                                                                                                                                                                                                                                                                                                                                                                                                                 | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|        | 106 %                                         | 50-200                                                                                                                                                                                                                                                                                                                                                                                                                            | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| mg/kg  | mg/kg                                         | Analy                                                                                                                                                                                                                                                                                                                                                                                                                             | yst: RAS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Batch: 2234076                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| mg/kg  |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|        | ND ND ND ND ND ND ND Mg/kg ND mg/kg 40.3 58.0 | 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           mg/kg         mg/kg           MD         20.0           96.7 %         mg/kg           mg/kg         mg/kg           40.3         25.0           58.0         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           MD         0.0250         1           MB/kg         mg/kg         Analy           ND         20.0         1           96.7 %         70-130           mg/kg         mg/kg         Analy           40.3         25.0         1           58.0         50.0         1 | Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         08/18/22           ND         0.0250         1         08/18/22           ND         0.0250         1         08/18/22           ND         0.0500         1         08/18/22           ND         0.0250         1         08/18/22           ND         0.0250         1         08/18/22           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         08/18/22           mg/kg         mg/kg         Analyst: JL           40.3         25.0         1         08/18/22           58.0         50.0         1         08/18/22 | Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY         ND         0.0250         1         08/18/22         08/18/22           ND         0.0250         1         08/18/22         08/18/22         08/18/22           ND         0.0250         1         08/18/22         08/18/22           ND         0.0500         1         08/18/22         08/18/22           ND         0.0250         1         08/18/22         08/18/22           ND         0.0250         1         08/18/22         08/18/22           Mg/kg         70-130         08/18/22         08/18/22           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         08/18/22         08/18/22           mg/kg         mg/kg         Analyst: IY         08/18/22         08/18/22           mg/kg         mg/kg         Analyst: JL         08/18/22         08/18/22           40.3         25.0         1         08/18/22         08/18/22           58.0         50.0         1         08/18/22         08/18/22           106 %         50-200         08/18/22         < |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

### **CS-220**

|                                                |        | Reporting |          |          |          |                |
|------------------------------------------------|--------|-----------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilution | Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Anal     | yst: IY  |          | Batch: 2234063 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/18/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/18/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/18/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/18/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/18/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 109 %     | 70-130   | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Anal     | yst: IY  |          | Batch: 2234063 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 93.6 %    | 70-130   | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Anal     | yst: JL  |          | Batch: 2234073 |
| Diesel Range Organics (C10-C28)                | 117    | 25.0      | 1        | 08/18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 162    | 50.0      | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 109 %     | 50-200   | 08/18/22 | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Anal     | yst: RAS |          | Batch: 2234076 |
| Chloride                                       | 24.3   | 20.0      | 1        | 08/18/22 | 08/18/22 |                |
|                                                |        |           |          |          |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

### **CS-221**

|                                                |        | Reporting |          |           |          |                |
|------------------------------------------------|--------|-----------|----------|-----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilution | Prepared  | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Ana      | llyst: IY |          | Batch: 2234063 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/18/22  | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/18/22  | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/18/22  | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/18/22  | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/18/22  | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/18/22  | 08/18/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 106 %     | 70-130   | 08/18/22  | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Ana      | lyst: IY  |          | Batch: 2234063 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/18/22  | 08/18/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 97.0 %    | 70-130   | 08/18/22  | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Ana      | lyst: JL  |          | Batch: 2234073 |
| Diesel Range Organics (C10-C28)                | 114    | 25.0      | 1        | 08/18/22  | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 160    | 50.0      | 1        | 08/18/22  | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 105 %     | 50-200   | 08/18/22  | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Ana      | lyst: RAS |          | Batch: 2234076 |
| Chloride                                       | 644    | 20.0      | 1        | 08/18/22  | 08/18/22 |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

### **CS-222**

|                                                |        | Reporting |          |            |          |                |
|------------------------------------------------|--------|-----------|----------|------------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilution | n Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Ana      | alyst: IY  |          | Batch: 2234063 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/18/22   | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/18/22   | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/18/22   | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/18/22   | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/18/22   | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/18/22   | 08/18/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 107 %     | 70-130   | 08/18/22   | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Ana      | alyst: IY  |          | Batch: 2234063 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/18/22   | 08/18/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 96.5 %    | 70-130   | 08/18/22   | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Ana      | ılyst: JL  |          | Batch: 2234073 |
| Diesel Range Organics (C10-C28)                | 102    | 25.0      | 1        | 08/18/22   | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 147    | 50.0      | 1        | 08/18/22   | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 102 %     | 50-200   | 08/18/22   | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Ana      | alyst: RAS |          | Batch: 2234076 |
| Chloride                                       | 1140   | 20.0      | 1        | 08/18/22   | 08/18/22 |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

### **CS-223**

|                                                |        | Reporting |          |          |          |                |
|------------------------------------------------|--------|-----------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilution | Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Anal     | yst: IY  |          | Batch: 2234063 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/18/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/18/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/18/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/18/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/18/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 107 %     | 70-130   | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Anal     | yst: IY  |          | Batch: 2234063 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 94.9 %    | 70-130   | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Anal     | yst: JL  |          | Batch: 2234073 |
| Diesel Range Organics (C10-C28)                | 105    | 25.0      | 1        | 08/18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 173    | 50.0      | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 103 %     | 50-200   | 08/18/22 | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Anal     | yst: RAS |          | Batch: 2234076 |
| Chloride                                       | 28.4   | 20.0      | 1        | 08/18/22 | 08/18/22 |                |
|                                                |        |           |          |          |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

### **CS-224**

|                                                |        | Reporting |         |            |          |                |
|------------------------------------------------|--------|-----------|---------|------------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilutio | n Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | An      | alyst: IY  |          | Batch: 2234063 |
| Benzene                                        | ND     | 0.0250    | 1       | 08/18/22   | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1       | 08/18/22   | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1       | 08/18/22   | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1       | 08/18/22   | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1       | 08/18/22   | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1       | 08/18/22   | 08/18/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 107 %     | 70-130  | 08/18/22   | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | An      | alyst: IY  |          | Batch: 2234063 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1       | 08/18/22   | 08/18/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 94.9 %    | 70-130  | 08/18/22   | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | An      | alyst: JL  |          | Batch: 2234073 |
| Diesel Range Organics (C10-C28)                | 55.8   | 25.0      | 1       | 08/18/22   | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 88.6   | 50.0      | 1       | 08/18/22   | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 109 %     | 50-200  | 08/18/22   | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | An      | alyst: RAS |          | Batch: 2234076 |
| Chloride                                       | 87.4   | 20.0      | 1       | 08/18/22   | 08/18/22 |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

### **CS-225**

|                                                |        | Reporting |          |          |          |                |
|------------------------------------------------|--------|-----------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilution | Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Anal     | yst: IY  |          | Batch: 2234063 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/18/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/18/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/18/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/18/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/18/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 108 %     | 70-130   | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Anal     | yst: IY  |          | Batch: 2234063 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 94.4 %    | 70-130   | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Anal     | yst: JL  |          | Batch: 2234073 |
| Diesel Range Organics (C10-C28)                | 80.1   | 25.0      | 1        | 08/18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 116    | 50.0      | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 97.7 %    | 50-200   | 08/18/22 | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Anal     | yst: RAS |          | Batch: 2234076 |
| Chloride                                       | 205    | 20.0      | 1        | 08/18/22 | 08/18/22 |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

### **CS-226**

|                                                |        | Reporting |         |            |          |                |
|------------------------------------------------|--------|-----------|---------|------------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilutio | n Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | An      | alyst: IY  |          | Batch: 2234063 |
| Benzene                                        | ND     | 0.0250    | 1       | 08/18/22   | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1       | 08/18/22   | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1       | 08/18/22   | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1       | 08/18/22   | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1       | 08/18/22   | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1       | 08/18/22   | 08/18/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 107 %     | 70-130  | 08/18/22   | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | An      | alyst: IY  |          | Batch: 2234063 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1       | 08/18/22   | 08/18/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 94.8 %    | 70-130  | 08/18/22   | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | An      | alyst: JL  |          | Batch: 2234073 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0      | 1       | 08/18/22   | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      | 1       | 08/18/22   | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 94.3 %    | 50-200  | 08/18/22   | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | An      | alyst: RAS |          | Batch: 2234076 |
| Chloride                                       | 224    | 20.0      | 1       | 08/18/22   | 08/18/22 |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

### **CS-227**

|                                                |        | D am a :-+!:       |          |            |          |                |
|------------------------------------------------|--------|--------------------|----------|------------|----------|----------------|
| Apolyto                                        | Result | Reporting<br>Limit | Dilution | n Prepared | Analyzad | Notes          |
| Analyte                                        | Resuit | Liinit             | Dilution | rrepared   | Analyzed | inotes         |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg              | Ana      | ılyst: IY  |          | Batch: 2234063 |
| Benzene                                        | ND     | 0.0250             | 1        | 08/18/22   | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250             | 1        | 08/18/22   | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250             | 1        | 08/18/22   | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250             | 1        | 08/18/22   | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500             | 1        | 08/18/22   | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250             | 1        | 08/18/22   | 08/18/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 107 %              | 70-130   | 08/18/22   | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg              | Ana      | alyst: IY  |          | Batch: 2234063 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0               | 1        | 08/18/22   | 08/18/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 94.4 %             | 70-130   | 08/18/22   | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg              | Ana      | ılyst: JL  |          | Batch: 2234073 |
| Diesel Range Organics (C10-C28)                | 49.7   | 25.0               | 1        | 08/18/22   | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 87.9   | 50.0               | 1        | 08/18/22   | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 92.7 %             | 50-200   | 08/18/22   | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg              | Ana      | alyst: RAS |          | Batch: 2234076 |
| Chloride                                       | 104    | 20.0               | 1        | 08/18/22   | 08/18/22 |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

### **CS-228**

|                                                |        | D         |          |            |          |                |
|------------------------------------------------|--------|-----------|----------|------------|----------|----------------|
|                                                |        | Reporting |          |            |          |                |
| Analyte                                        | Result | Limit     | Dilution | Prepared   | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Ana      | ılyst: IY  |          | Batch: 2234063 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/18/22   | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/18/22   | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/18/22   | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/18/22   | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/18/22   | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/18/22   | 08/18/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 106 %     | 70-130   | 08/18/22   | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Ana      | ılyst: IY  |          | Batch: 2234063 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/18/22   | 08/18/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 95.5 %    | 70-130   | 08/18/22   | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Ana      | ılyst: JL  |          | Batch: 2234073 |
| Diesel Range Organics (C10-C28)                | 120    | 25.0      | 1        | 08/18/22   | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 177    | 50.0      | 1        | 08/18/22   | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 84.5 %    | 50-200   | 08/18/22   | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Ana      | ılyst: RAS |          | Batch: 2234076 |
| Chloride                                       | 39.3   | 20.0      | 1        | 08/18/22   | 08/18/22 | ·              |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

### **CS-229**

|                                                |        | Reporting |         |             |          |                |
|------------------------------------------------|--------|-----------|---------|-------------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilutio | on Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Ar      | nalyst: IY  |          | Batch: 2234063 |
| Benzene                                        | ND     | 0.0250    | 1       | 08/18/22    | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1       | 08/18/22    | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1       | 08/18/22    | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1       | 08/18/22    | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1       | 08/18/22    | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1       | 08/18/22    | 08/18/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 105 %     | 70-130  | 08/18/22    | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Ar      | nalyst: IY  |          | Batch: 2234063 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1       | 08/18/22    | 08/18/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 94.9 %    | 70-130  | 08/18/22    | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Ar      | nalyst: JL  |          | Batch: 2234073 |
| Diesel Range Organics (C10-C28)                | 30.3   | 25.0      | 1       | 08/18/22    | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 63.1   | 50.0      | 1       | 08/18/22    | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 97.4 %    | 50-200  | 08/18/22    | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Ar      | nalyst: RAS |          | Batch: 2234076 |
| Chloride                                       | 326    | 20.0      | 1       | 08/18/22    | 08/18/22 | •              |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

### **CS-230**

|                                                |        | Reporting |          |          |          |                |
|------------------------------------------------|--------|-----------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilution | Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Anal     | yst: IY  |          | Batch: 2234063 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/18/22 | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/18/22 | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/18/22 | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/18/22 | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/18/22 | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 105 %     | 70-130   | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Anal     | yst: IY  |          | Batch: 2234063 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 95.7 %    | 70-130   | 08/18/22 | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Anal     | yst: JL  |          | Batch: 2234073 |
| Diesel Range Organics (C10-C28)                | 68.4   | 25.0      | 1        | 08/18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 135    | 50.0      | 1        | 08/18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 97.7 %    | 50-200   | 08/18/22 | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Anal     | yst: RAS |          | Batch: 2234076 |
| Chloride                                       | ND     | 20.0      | 1        | 08/18/22 | 08/18/22 | _              |
|                                                |        |           |          |          |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

### **CS-231**

|                                                |        | Reporting |          |            |          |                |
|------------------------------------------------|--------|-----------|----------|------------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilution | n Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Ana      | alyst: IY  |          | Batch: 2234063 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/18/22   | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/18/22   | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/18/22   | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/18/22   | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/18/22   | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/18/22   | 08/18/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 105 %     | 70-130   | 08/18/22   | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Ana      | alyst: IY  |          | Batch: 2234063 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/18/22   | 08/18/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 95.1 %    | 70-130   | 08/18/22   | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Ana      | alyst: JL  |          | Batch: 2234073 |
| Diesel Range Organics (C10-C28)                | 119    | 25.0      | 1        | 08/18/22   | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 264    | 50.0      | 1        | 08/18/22   | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 95.5 %    | 50-200   | 08/18/22   | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Ana      | alyst: RAS |          | Batch: 2234076 |
| Chloride                                       | ND     | 20.0      | 1        | 08/18/22   | 08/18/22 | •              |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

### **CS-232**

|                                                |        | Reporting |          |           |          |                |
|------------------------------------------------|--------|-----------|----------|-----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilution | Prepared  | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Anal     | lyst: IY  |          | Batch: 2234063 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/18/22  | 08/18/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/18/22  | 08/18/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/18/22  | 08/18/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/18/22  | 08/18/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/18/22  | 08/18/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/18/22  | 08/18/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 104 %     | 70-130   | 08/18/22  | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Anal     | lyst: IY  |          | Batch: 2234063 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/18/22  | 08/18/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 92.1 %    | 70-130   | 08/18/22  | 08/18/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Anal     | lyst: JL  |          | Batch: 2234073 |
| Diesel Range Organics (C10-C28)                | 85.1   | 25.0      | 1        | 08/18/22  | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 116    | 50.0      | 1        | 08/18/22  | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 84.7 %    | 50-200   | 08/18/22  | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Anal     | lyst: RAS |          | Batch: 2234076 |
| Chloride                                       | ND     | 20.0      | 1        | 08/18/22  | 08/18/22 |                |
|                                                |        |           |          |           |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

### **CS-233**

|                                                |        | ъ .:      |          |           |          |                |
|------------------------------------------------|--------|-----------|----------|-----------|----------|----------------|
|                                                |        | Reporting |          |           |          | **             |
| Analyte                                        | Result | Limit     | Dilution | Prepared  | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Ana      | lyst: IY  |          | Batch: 2234063 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/18/22  | 08/19/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/18/22  | 08/19/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/18/22  | 08/19/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/18/22  | 08/19/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/18/22  | 08/19/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/18/22  | 08/19/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 102 %     | 70-130   | 08/18/22  | 08/19/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Ana      | lyst: IY  |          | Batch: 2234063 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/18/22  | 08/19/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 95.6 %    | 70-130   | 08/18/22  | 08/19/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Ana      | lyst: JL  |          | Batch: 2234073 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0      | 1        | 08/18/22  | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      | 1        | 08/18/22  | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 65.5 %    | 50-200   | 08/18/22  | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Ana      | lyst: RAS |          | Batch: 2234076 |
| ·                                              | ND     | 20.0      |          | 08/18/22  | 08/18/22 |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

### **CS-234**

|                                                |        | Reporting |         |            |          |                |
|------------------------------------------------|--------|-----------|---------|------------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilutio | n Prepared | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | An      | alyst: IY  |          | Batch: 2234063 |
| Benzene                                        | ND     | 0.0250    | 1       | 08/18/22   | 08/19/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1       | 08/18/22   | 08/19/22 |                |
| Toluene                                        | ND     | 0.0250    | 1       | 08/18/22   | 08/19/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1       | 08/18/22   | 08/19/22 |                |
| o,m-Xylene                                     | ND     | 0.0500    | 1       | 08/18/22   | 08/19/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1       | 08/18/22   | 08/19/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 101 %     | 70-130  | 08/18/22   | 08/19/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | An      | alyst: IY  |          | Batch: 2234063 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1       | 08/18/22   | 08/19/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 97.7 %    | 70-130  | 08/18/22   | 08/19/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | An      | alyst: JL  |          | Batch: 2234073 |
| Diesel Range Organics (C10-C28)                | 44.4   | 25.0      | 1       | 08/18/22   | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 59.3   | 50.0      | 1       | 08/18/22   | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 78.5 %    | 50-200  | 08/18/22   | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | An      | alyst: RAS |          | Batch: 2234076 |
| Chloride                                       | ND     | 20.0      | 1       | 08/18/22   | 08/18/22 | •              |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

### **CS-235**

|                                                |        | Reporting |          |           |          |                |
|------------------------------------------------|--------|-----------|----------|-----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilution | Prepared  | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Ana      | lyst: IY  |          | Batch: 2234063 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/18/22  | 08/19/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/18/22  | 08/19/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/18/22  | 08/19/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/18/22  | 08/19/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/18/22  | 08/19/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/18/22  | 08/19/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 102 %     | 70-130   | 08/18/22  | 08/19/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Ana      | lyst: IY  |          | Batch: 2234063 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/18/22  | 08/19/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 96.5 %    | 70-130   | 08/18/22  | 08/19/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Ana      | lyst: JL  |          | Batch: 2234073 |
| Diesel Range Organics (C10-C28)                | 174    | 25.0      | 1        | 08/18/22  | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 245    | 50.0      | 1        | 08/18/22  | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 79.5 %    | 50-200   | 08/18/22  | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Anal     | lyst: RAS |          | Batch: 2234076 |
| Chloride                                       | ND     | 20.0      | 1        | 08/18/22  | 08/18/22 | _              |
|                                                |        |           |          |           |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

### **CS-236**

|                                                |        | Reporting |          |           |          |                |
|------------------------------------------------|--------|-----------|----------|-----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilution | Prepared  | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Ana      | lyst: IY  |          | Batch: 2234063 |
| Benzene                                        | ND     | 0.0250    | 1        | 08/18/22  | 08/19/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 08/18/22  | 08/19/22 |                |
| Toluene                                        | ND     | 0.0250    | 1        | 08/18/22  | 08/19/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 08/18/22  | 08/19/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 08/18/22  | 08/19/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 08/18/22  | 08/19/22 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 102 %     | 70-130   | 08/18/22  | 08/19/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Ana      | lyst: IY  |          | Batch: 2234063 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 08/18/22  | 08/19/22 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 96.5 %    | 70-130   | 08/18/22  | 08/19/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Ana      | lyst: JL  |          | Batch: 2234073 |
| Diesel Range Organics (C10-C28)                | 40.3   | 25.0      | 1        | 08/18/22  | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | 66.6   | 50.0      | 1        | 08/18/22  | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 82.1 %    | 50-200   | 08/18/22  | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Ana      | lyst: RAS |          | Batch: 2234076 |
| Chloride                                       | ND     | 20.0      | 1        | 08/18/22  | 08/18/22 |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

### **CS-237**

|        | E208099-21                                    |                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        | Reporting                                     |                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Result | Limit                                         | Dilut                                                                                                                                                                                                                           | tion Prepared                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | d Analyzed                           | Notes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| mg/kg  | mg/kg                                         |                                                                                                                                                                                                                                 | Analyst: IY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                      | Batch: 2234061                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| ND     | 0.0250                                        | 1                                                                                                                                                                                                                               | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 08/19/22                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ND     | 0.0250                                        | 1                                                                                                                                                                                                                               | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 08/19/22                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ND     | 0.0250                                        | 1                                                                                                                                                                                                                               | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 08/19/22                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ND     | 0.0250                                        | 1                                                                                                                                                                                                                               | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 08/19/22                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ND     | 0.0500                                        | 1                                                                                                                                                                                                                               | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 08/19/22                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ND     | 0.0250                                        | 1                                                                                                                                                                                                                               | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 08/19/22                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|        | 99.1 %                                        | 70-130                                                                                                                                                                                                                          | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 08/19/22                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|        | 99.5 %                                        | 70-130                                                                                                                                                                                                                          | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 08/19/22                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|        | 103 %                                         | 70-130                                                                                                                                                                                                                          | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 08/19/22                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| mg/kg  | mg/kg                                         | F                                                                                                                                                                                                                               | Analyst: IY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                      | Batch: 2234061                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| ND     | 20.0                                          | 1                                                                                                                                                                                                                               | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 08/19/22                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|        | 99.1 %                                        | 70-130                                                                                                                                                                                                                          | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 08/19/22                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|        | 99.5 %                                        | 70-130                                                                                                                                                                                                                          | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 08/19/22                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|        | 103 %                                         | 70-130                                                                                                                                                                                                                          | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 08/19/22                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| mg/kg  | mg/kg                                         | F                                                                                                                                                                                                                               | Analyst: JL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                      | Batch: 2234071                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 35.5   | 25.0                                          | 1                                                                                                                                                                                                                               | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 08/18/22                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 51.6   | 50.0                                          | 1                                                                                                                                                                                                                               | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 08/18/22                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|        | 75.0 %                                        | 50-200                                                                                                                                                                                                                          | 08/18/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 08/18/22                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| mg/kg  | mg/kg                                         |                                                                                                                                                                                                                                 | Analyst: RAS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                      | Batch: 2234079                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|        |                                               |                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|        | mg/kg ND ND ND ND ND ND ND ND ND ND SSSSSSSSS | 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 0.0500  ND 0.0250  MD 0.0250  P99.1 %  99.5 %  103 %  mg/kg mg/kg  ND 20.0  99.1 %  99.5 %  103 %  mg/kg mg/kg  ND 25.0  75.0 % | 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           99.1 %         70-130           99.5 %         70-130           103 %         70-130           99.5 %         70-130           99.5 %         70-130           103 %         70-130           mg/kg         mg/kg           4         4           35.5         25.0         1           51.6         50.0         1           75.0 %         50-200 | Result   Limit   Dilution   Prepared | Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         08/18/22         08/19/22           ND         0.0500         1         08/18/22         08/19/22           ND         0.0250         1         08/18/22         08/19/22           ND         0.0250         1         08/18/22         08/19/22           99.1 %         70-130         08/18/22         08/19/22           99.5 %         70-130         08/18/22         08/19/22           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         08/18/22         08/19/22           99.1 %         70-130         08/18/22         08/19/22           99.5 %         70-130         08/18/22         08/19/22           103 %         70-130         08/18/22         08/19/22 |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

### **CS-238**

|                                                |        | Reporting |        |             |          |          |                |
|------------------------------------------------|--------|-----------|--------|-------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilut  | tion        | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     | I      | Analyst: IY |          |          | Batch: 2234061 |
| Benzene                                        | ND     | 0.0250    | 1      |             | 08/18/22 | 08/19/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      |             | 08/18/22 | 08/19/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      |             | 08/18/22 | 08/19/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      |             | 08/18/22 | 08/19/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      |             | 08/18/22 | 08/19/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      |             | 08/18/22 | 08/19/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 101 %     | 70-130 |             | 08/18/22 | 08/19/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 102 %     | 70-130 |             | 08/18/22 | 08/19/22 |                |
| Surrogate: Toluene-d8                          |        | 104 %     | 70-130 |             | 08/18/22 | 08/19/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | 1      | Analyst: IY |          |          | Batch: 2234061 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      |             | 08/18/22 | 08/19/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 101 %     | 70-130 |             | 08/18/22 | 08/19/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 102 %     | 70-130 |             | 08/18/22 | 08/19/22 |                |
| Surrogate: Toluene-d8                          |        | 104 %     | 70-130 |             | 08/18/22 | 08/19/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: JL |          |          | Batch: 2234071 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0      | 1      |             | 08/18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      | 1      |             | 08/18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 80.0 %    | 50-200 |             | 08/18/22 | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | 1      | Analyst: RA | \S       |          | Batch: 2234079 |
| 11110119 8 7 12111 0 0 0 10 7 7 0 0 0 1 1      |        |           |        |             |          |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

### **CS-239**

|                                                |        | Reporting |        |              |          |          |                |
|------------------------------------------------|--------|-----------|--------|--------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion 1       | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     | 1      | Analyst: IY  |          |          | Batch: 2234061 |
| Benzene                                        | ND     | 0.0250    | 1      | . (          | 08/18/22 | 08/19/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      |              | 08/18/22 | 08/19/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      |              | 08/18/22 | 08/19/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      | . (          | 08/18/22 | 08/19/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      |              | 08/18/22 | 08/19/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      | . (          | 08/18/22 | 08/19/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 97.9 %    | 70-130 | -            | 08/18/22 | 08/19/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 99.6 %    | 70-130 |              | 08/18/22 | 08/19/22 |                |
| Surrogate: Toluene-d8                          |        | 102 %     | 70-130 | (            | 08/18/22 | 08/19/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | 1      | Analyst: IY  |          |          | Batch: 2234061 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      | . (          | 08/18/22 | 08/19/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 97.9 %    | 70-130 |              | 08/18/22 | 08/19/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 99.6 %    | 70-130 |              | 08/18/22 | 08/19/22 |                |
| Surrogate: Toluene-d8                          |        | 102 %     | 70-130 |              | 08/18/22 | 08/19/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | 1      | Analyst: JL  |          |          | Batch: 2234071 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0      | 1      | . (          | 08/18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      | 1      | . (          | 08/18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 82.1 %    | 50-200 |              | 08/18/22 | 08/18/22 |                |
|                                                | _      |           |        | A 1 4. D A ( | c        |          | Batch: 2234079 |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | 1      | Analyst: RAS | 3        |          | Batch: 2234079 |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

### **CS-240**

|                                                |        | E208099-24 |        |              |          |                |
|------------------------------------------------|--------|------------|--------|--------------|----------|----------------|
|                                                |        | Reporting  |        |              |          |                |
| Analyte                                        | Result | Limit      | Diluti | ion Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg      | Α      | Analyst: IY  |          | Batch: 2234061 |
| Benzene                                        | ND     | 0.0250     | 1      | 08/18/22     | 08/19/22 |                |
| Ethylbenzene                                   | ND     | 0.0250     | 1      | 08/18/22     | 08/19/22 |                |
| Toluene                                        | ND     | 0.0250     | 1      | 08/18/22     | 08/19/22 |                |
| o-Xylene                                       | ND     | 0.0250     | 1      | 08/18/22     | 08/19/22 |                |
| p,m-Xylene                                     | ND     | 0.0500     | 1      | 08/18/22     | 08/19/22 |                |
| Total Xylenes                                  | ND     | 0.0250     | 1      | 08/18/22     | 08/19/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 98.1 %     | 70-130 | 08/18/22     | 08/19/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.1 %     | 70-130 | 08/18/22     | 08/19/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %      | 70-130 | 08/18/22     | 08/19/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg      | Α      | Analyst: IY  |          | Batch: 2234061 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0       | 1      | 08/18/22     | 08/19/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 98.1 %     | 70-130 | 08/18/22     | 08/19/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.1 %     | 70-130 | 08/18/22     | 08/19/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %      | 70-130 | 08/18/22     | 08/19/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg      | Α      | Analyst: JL  |          | Batch: 2234071 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0       | 1      | 08/18/22     | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0       | 1      | 08/18/22     | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 89.7 %     | 50-200 | 08/18/22     | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg      | A      | Analyst: RAS |          | Batch: 2234079 |
| Chloride                                       | 245    | 20.0       | 1      | 08/18/22     | 08/18/22 |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

### **CS-241**

|                                                |        | Reporting |        |             |          |          |                |
|------------------------------------------------|--------|-----------|--------|-------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion        | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     | 1      | Analyst: IY |          |          | Batch: 2234061 |
| Benzene                                        | ND     | 0.0250    | 1      |             | 08/18/22 | 08/19/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      |             | 08/18/22 | 08/19/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      |             | 08/18/22 | 08/19/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      |             | 08/18/22 | 08/19/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      |             | 08/18/22 | 08/19/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      |             | 08/18/22 | 08/19/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 98.3 %    | 70-130 |             | 08/18/22 | 08/19/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 95.2 %    | 70-130 |             | 08/18/22 | 08/19/22 |                |
| Surrogate: Toluene-d8                          |        | 105 %     | 70-130 |             | 08/18/22 | 08/19/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | 1      | Analyst: IY |          |          | Batch: 2234061 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      |             | 08/18/22 | 08/19/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 98.3 %    | 70-130 |             | 08/18/22 | 08/19/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 95.2 %    | 70-130 |             | 08/18/22 | 08/19/22 |                |
| Surrogate: Toluene-d8                          |        | 105 %     | 70-130 |             | 08/18/22 | 08/19/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: JL |          |          | Batch: 2234071 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0      | 1      |             | 08/18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      | 1      |             | 08/18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 85.7 %    | 50-200 |             | 08/18/22 | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | 1      | Analyst: RA | S        |          | Batch: 2234079 |
| Allous by EFA 300.0/9030A                      |        |           |        |             |          |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

### **CS-242**

|                                                |        | Reporting |        |             |          |          |                |
|------------------------------------------------|--------|-----------|--------|-------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | tion        | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     | 1      | Analyst: IY |          |          | Batch: 2234061 |
| Benzene                                        | ND     | 0.0250    | 1      |             | 08/18/22 | 08/19/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      |             | 08/18/22 | 08/19/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      |             | 08/18/22 | 08/19/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      |             | 08/18/22 | 08/19/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      |             | 08/18/22 | 08/19/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      |             | 08/18/22 | 08/19/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 101 %     | 70-130 |             | 08/18/22 | 08/19/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 95.8 %    | 70-130 |             | 08/18/22 | 08/19/22 |                |
| Surrogate: Toluene-d8                          |        | 104 %     | 70-130 |             | 08/18/22 | 08/19/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | 1      | Analyst: IY |          |          | Batch: 2234061 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      |             | 08/18/22 | 08/19/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 101 %     | 70-130 |             | 08/18/22 | 08/19/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 95.8 %    | 70-130 |             | 08/18/22 | 08/19/22 |                |
| Surrogate: Toluene-d8                          |        | 104 %     | 70-130 |             | 08/18/22 | 08/19/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | 1      | Analyst: JL |          |          | Batch: 2234071 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0      | 1      |             | 08/18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      | 1      |             | 08/18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 85.0 %    | 50-200 |             | 08/18/22 | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | 1      | Analyst: RA | \S       |          | Batch: 2234079 |
| 111101101101111111111111111111111111111        |        |           |        |             |          |          |                |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 |                     |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              | Reported:           |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

### **CS-243**

|                                                |        | Reporting |        |              |         |          |                |
|------------------------------------------------|--------|-----------|--------|--------------|---------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilut  | tion P       | repared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     | I      | Analyst: IY  |         |          | Batch: 2234061 |
| Benzene                                        | ND     | 0.0250    | 1      | 0            | 8/18/22 | 08/19/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      | 0            | 8/18/22 | 08/19/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      | 0            | 8/18/22 | 08/19/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      | 0            | 8/18/22 | 08/19/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      | 0            | 8/18/22 | 08/19/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      | 0            | 8/18/22 | 08/19/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 99.8 %    | 70-130 | 0            | 8/18/22 | 08/19/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 95.4 %    | 70-130 | 0            | 8/18/22 | 08/19/22 |                |
| Surrogate: Toluene-d8                          |        | 105 %     | 70-130 | 0            | 8/18/22 | 08/19/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | 1      | Analyst: IY  |         |          | Batch: 2234061 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      | 0            | 8/18/22 | 08/19/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 99.8 %    | 70-130 | 0            | 8/18/22 | 08/19/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 95.4 %    | 70-130 | 0            | 8/18/22 | 08/19/22 |                |
| Surrogate: Toluene-d8                          |        | 105 %     | 70-130 | 0            | 8/18/22 | 08/19/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: JL  |         |          | Batch: 2234071 |
| Diesel Range Organics (C10-C28)                | 25.9   | 25.0      | 1      | 0            | 8/18/22 | 08/18/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      | 1      | 0            | 8/18/22 | 08/18/22 |                |
| Surrogate: n-Nonane                            |        | 86.3 %    | 50-200 | 0            | 8/18/22 | 08/18/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | 1      | Analyst: RAS |         |          | Batch: 2234079 |
|                                                |        |           |        |              |         |          |                |



### **QC Summary Data**

EOG ResourcesProject Name:Ocotillo ACI Federal #1Reported:104 South 4th StreetProject Number:19034-0016Artesia NM, 88210Project Manager:Greg Crabtree8/19/20222:42:14PM

| Artesia NM, 88210                |        | Project Manager    | : G1           | reg Crabtree     |         |               |             | 8            | /19/2022 2:42:14PM |
|----------------------------------|--------|--------------------|----------------|------------------|---------|---------------|-------------|--------------|--------------------|
|                                  | •      | Volatile Organi    | c Compo        | unds by EP       | A 82601 | В             |             |              | Analyst: IY        |
| Analyte                          | Result | Reporting<br>Limit | Spike<br>Level | Source<br>Result | Rec     | Rec<br>Limits | RPD         | RPD<br>Limit |                    |
|                                  | mg/kg  | mg/kg              | mg/kg          | mg/kg            | %       | %             | %           | %            | Notes              |
| Blank (2234061-BLK1)             |        |                    |                |                  |         |               | Prepared: 0 | 8/18/22 Ana  | alyzed: 08/18/22   |
| 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    | 0.471  |                    | 0.500          |                  | 94.1    | 70-130        |             |              |                    |
| Surrogate: 1,2-Dichloroethane-d4 | 0.503  |                    | 0.500          |                  | 101     | 70-130        |             |              |                    |
| Surrogate: Toluene-d8            | 0.485  |                    | 0.500          |                  | 97.0    | 70-130        |             |              |                    |
| LCS (2234061-BS1)                |        |                    |                |                  |         |               | Prepared: 0 | 8/18/22 Ana  | alyzed: 08/18/22   |
| Benzene                          | 2.31   | 0.0250             | 2.50           |                  | 92.4    | 70-130        |             |              |                    |
| Ethylbenzene                     | 2.33   | 0.0250             | 2.50           |                  | 93.3    | 70-130        |             |              |                    |
| Toluene                          | 2.17   | 0.0250             | 2.50           |                  | 86.9    | 70-130        |             |              |                    |
| o-Xylene                         | 2.33   | 0.0250             | 2.50           |                  | 93.4    | 70-130        |             |              |                    |
| p,m-Xylene                       | 4.53   | 0.0500             | 5.00           |                  | 90.6    | 70-130        |             |              |                    |
| Total Xylenes                    | 6.86   | 0.0250             | 7.50           |                  | 91.5    | 70-130        |             |              |                    |
| Surrogate: Bromofluorobenzene    | 0.533  |                    | 0.500          |                  | 107     | 70-130        |             |              |                    |
| Surrogate: 1,2-Dichloroethane-d4 | 0.505  |                    | 0.500          |                  | 101     | 70-130        |             |              |                    |
| Surrogate: Toluene-d8            | 0.471  |                    | 0.500          |                  | 94.2    | 70-130        |             |              |                    |
| LCS Dup (2234061-BSD1)           |        |                    |                |                  |         |               | Prepared: 0 | 8/18/22 Ana  | alyzed: 08/19/22   |
| Benzene                          | 2.27   | 0.0250             | 2.50           |                  | 90.9    | 70-130        | 1.64        | 23           |                    |
| Ethylbenzene                     | 2.33   | 0.0250             | 2.50           |                  | 93.0    | 70-130        | 0.279       | 27           |                    |
| Toluene                          | 2.20   | 0.0250             | 2.50           |                  | 88.2    | 70-130        | 1.46        | 24           |                    |
| o-Xylene                         | 2.41   | 0.0250             | 2.50           |                  | 96.2    | 70-130        | 2.97        | 27           |                    |
| p,m-Xylene                       | 4.72   | 0.0500             | 5.00           |                  | 94.4    | 70-130        | 4.14        | 27           |                    |
| Total Xylenes                    | 7.12   | 0.0250             | 7.50           |                  | 95.0    | 70-130        | 3.75        | 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

70-130



Surrogate: Toluene-d8

0.500

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 8/19/2022 2:42:14PM

| Artesia NM, 88210                   |        | Project Number: Project Manager |                | eg Crabtree      |      |               |            | 8/1          | 9/2022 2:42:14PM |
|-------------------------------------|--------|---------------------------------|----------------|------------------|------|---------------|------------|--------------|------------------|
|                                     |        | Volatile O                      | rganics b      | y EPA 802        | 1B   |               |            |              | Analyst: IY      |
| Analyte                             | Result | Reporting<br>Limit              | Spike<br>Level | Source<br>Result | Rec  | Rec<br>Limits | RPD        | RPD<br>Limit |                  |
|                                     | mg/kg  | mg/kg                           | mg/kg          | mg/kg            | %    | %             | %          | %            | Notes            |
| Blank (2234063-BLK1)                |        |                                 |                |                  |      | P             | repared: 0 | 8/18/22 Anal | yzed: 08/19/22   |
| 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 | 8.22   |                                 | 8.00           |                  | 103  | 70-130        |            |              |                  |
| LCS (2234063-BS1)                   |        |                                 |                |                  |      | P             | repared: 0 | 8/18/22 Anal | yzed: 08/19/22   |
| Benzene                             | 4.61   | 0.0250                          | 5.00           |                  | 92.3 | 70-130        |            |              |                  |
| Ethylbenzene                        | 4.50   | 0.0250                          | 5.00           |                  | 89.9 | 70-130        |            |              |                  |
| Toluene                             | 4.66   | 0.0250                          | 5.00           |                  | 93.1 | 70-130        |            |              |                  |
| o-Xylene                            | 4.61   | 0.0250                          | 5.00           |                  | 92.3 | 70-130        |            |              |                  |
| o,m-Xylene                          | 9.08   | 0.0500                          | 10.0           |                  | 90.8 | 70-130        |            |              |                  |
| Total Xylenes                       | 13.7   | 0.0250                          | 15.0           |                  | 91.3 | 70-130        |            |              |                  |
| Surrogate: 4-Bromochlorobenzene-PID | 8.29   |                                 | 8.00           |                  | 104  | 70-130        |            |              |                  |
| LCS Dup (2234063-BSD1)              |        |                                 |                |                  |      | P             | repared: 0 | 8/18/22 Anal | yzed: 08/19/22   |
| Benzene                             | 4.45   | 0.0250                          | 5.00           |                  | 89.0 | 70-130        | 3.59       | 20           |                  |
| Ethylbenzene                        | 4.36   | 0.0250                          | 5.00           |                  | 87.2 | 70-130        | 3.10       | 20           |                  |
| Toluene                             | 4.49   | 0.0250                          | 5.00           |                  | 89.7 | 70-130        | 3.68       | 20           |                  |
| o-Xylene                            | 4.49   | 0.0250                          | 5.00           |                  | 89.8 | 70-130        | 2.73       | 20           |                  |
| o,m-Xylene                          | 8.81   | 0.0500                          | 10.0           |                  | 88.1 | 70-130        | 3.04       | 20           |                  |
| Total Xylenes                       | 13.3   | 0.0250                          | 15.0           |                  | 88.7 | 70-130        | 2.93       | 20           |                  |

70-130



## **QC Summary Data**

EOG ResourcesProject Name:Ocotillo ACI Federal #1Reported:104 South 4th StreetProject Number:19034-0016Artesia NM, 88210Project Manager:Greg Crabtree8/19/20222:42:14PM

| Nonhalogenated | Organics | by EPA | 8015D - | GRO |
|----------------|----------|--------|---------|-----|
|                |          |        |         |     |

| Analyst   | Т   |
|-----------|-----|
| Allalyst. | . 1 |

| Analyte Result | Reporting<br>Limit | Spike<br>Level | Source<br>Result | Rec | Rec<br>Limits | RPD | RPD<br>Limit |       |
|----------------|--------------------|----------------|------------------|-----|---------------|-----|--------------|-------|
| mg/kg          | mg/kg              | mg/kg          | mg/kg            | %   | %             | %   | %            | Notes |

| Blank (2234061-BLK1)             |       |      |       |      |        | Prepared: 08 | 3/18/22 Analy | zed: 08/18/22 |
|----------------------------------|-------|------|-------|------|--------|--------------|---------------|---------------|
| Gasoline Range Organics (C6-C10) | ND    | 20.0 |       |      |        |              |               |               |
| Surrogate: Bromofluorobenzene    | 0.471 |      | 0.500 | 94.1 | 70-130 |              |               |               |
| Surrogate: 1,2-Dichloroethane-d4 | 0.503 |      | 0.500 | 101  | 70-130 |              |               |               |
| Surrogate: Toluene-d8            | 0.485 |      | 0.500 | 97.0 | 70-130 |              |               |               |
| LCS (2234061-BS2)                |       |      |       |      |        | Prepared: 08 | 3/18/22 Analy | zed: 08/19/22 |
| Gasoline Range Organics (C6-C10) | 44.7  | 20.0 | 50.0  | 89.5 | 70-130 |              |               |               |
| Surrogate: Bromofluorobenzene    | 0.491 |      | 0.500 | 98.1 | 70-130 |              |               |               |
| Surrogate: 1,2-Dichloroethane-d4 | 0.450 |      | 0.500 | 90.0 | 70-130 |              |               |               |
| Surrogate: Toluene-d8            | 0.509 |      | 0.500 | 102  | 70-130 |              |               |               |
| LCS Dup (2234061-BSD2)           |       |      |       |      |        | Prepared: 08 | 3/18/22 Analy | zed: 08/19/22 |
| Gasoline Range Organics (C6-C10) | 41.6  | 20.0 | 50.0  | 83.2 | 70-130 | 7.25         | 20            |               |
| Surrogate: Bromofluorobenzene    | 0.490 |      | 0.500 | 97.9 | 70-130 |              |               |               |
| Surrogate: 1,2-Dichloroethane-d4 | 0.461 |      | 0.500 | 92.2 | 70-130 |              |               |               |
| Surrogate: Toluene-d8            | 0.501 |      | 0.500 | 100  | 70-130 |              |               |               |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 | Reported:           |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              |                     |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

| Artesia NM, 88210                       |        | Project Manage     | r: Gr          | eg Crabtree      |         |               |              |              | 8/19/2022 2:42:14PM |
|-----------------------------------------|--------|--------------------|----------------|------------------|---------|---------------|--------------|--------------|---------------------|
|                                         | Non    | halogenated        | Organics l     | by EPA 801       | 15D - G | RO            |              |              | Analyst: IY         |
| Analyte                                 | Result | Reporting<br>Limit | Spike<br>Level | Source<br>Result | Rec     | Rec<br>Limits | RPD          | RPD<br>Limit |                     |
|                                         | mg/kg  | mg/kg              | mg/kg          | mg/kg            | %       | %             | %            | %            | Notes               |
| Blank (2234063-BLK1)                    |        |                    |                |                  |         |               | Prepared: 08 | 8/18/22      | Analyzed: 08/19/22  |
| Gasoline Range Organics (C6-C10)        | ND     | 20.0               |                |                  |         |               |              |              |                     |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.86   |                    | 8.00           |                  | 98.3    | 70-130        |              |              |                     |
| LCS (2234063-BS2)                       |        |                    |                |                  |         |               | Prepared: 08 | 8/18/22      | Analyzed: 08/19/22  |
| Gasoline Range Organics (C6-C10)        | 42.4   | 20.0               | 50.0           |                  | 84.8    | 70-130        |              |              |                     |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.05   |                    | 8.00           |                  | 88.1    | 70-130        |              |              |                     |
| LCS Dup (2234063-BSD2)                  |        |                    |                |                  |         |               | Prepared: 08 | 8/18/22      | Analyzed: 08/19/22  |
| Gasoline Range Organics (C6-C10)        | 41.5   | 20.0               | 50.0           |                  | 83.0    | 70-130        | 2.15         | 20           |                     |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.84   |                    | 8.00           |                  | 98.0    | 70-130        |              |              |                     |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 | Reported:           |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              |                     |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

| Artesia NM, 88210               |                 | Project Manager             | r: Gr                   | eg Crabtree               |          |                    |             | 8                 | 8/19/2022 2:42:14PM |
|---------------------------------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|-------------|-------------------|---------------------|
|                                 | Nonhal          | logenated Or                | ganics by               | EPA 8015I                 | ) - DRO  | /ORO               |             |                   | Analyst: JL         |
| Analyte                         | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>%    | RPD<br>Limit<br>% | Notes               |
| Blank (2234071-BLK1)            |                 |                             |                         |                           |          |                    | Prepared: 0 | 8/18/22 An        | nalyzed: 08/18/22   |
| Diesel Range Organics (C10-C28) | ND              | 25.0                        |                         |                           |          |                    |             |                   |                     |
| Oil Range Organics (C28-C36)    | ND              | 50.0                        |                         |                           |          |                    |             |                   |                     |
| Surrogate: n-Nonane             | 43.0            |                             | 50.0                    |                           | 85.9     | 50-200             |             |                   |                     |
| LCS (2234071-BS1)               |                 |                             |                         |                           |          |                    | Prepared: 0 | 8/18/22 An        | nalyzed: 08/18/22   |
| Diesel Range Organics (C10-C28) | 229             | 25.0                        | 250                     |                           | 91.4     | 38-132             |             |                   |                     |
| Surrogate: n-Nonane             | 42.9            |                             | 50.0                    |                           | 85.9     | 50-200             |             |                   |                     |
| LCS Dup (2234071-BSD1)          |                 |                             |                         |                           |          |                    | Prepared: 0 | 8/18/22 An        | nalyzed: 08/18/22   |
| Diesel Range Organics (C10-C28) | 228             | 25.0                        | 250                     |                           | 91.1     | 38-132             | 0.367       | 20                |                     |
| Surrogate: n-Nonane             | 40.3            |                             | 50.0                    |                           | 80.5     | 50-200             |             |                   |                     |



| EOG Resources        | Project Name:    | Ocotillo ACI Federal #1 | Reported:           |
|----------------------|------------------|-------------------------|---------------------|
| 104 South 4th Street | Project Number:  | 19034-0016              |                     |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree           | 8/19/2022 2:42:14PM |

| Artesia NM, 88210               |                 | Project Manager                                | r: Gr                   | eg Crabtree               |          |               |             |                   | 8/19/2022 2:42:14PM |
|---------------------------------|-----------------|------------------------------------------------|-------------------------|---------------------------|----------|---------------|-------------|-------------------|---------------------|
|                                 | Nonha           | Nonhalogenated Organics by EPA 8015D - DRO/ORO |                         |                           |          |               |             |                   | Analyst: JL         |
| Analyte                         | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg                    | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits | RPD<br>%    | RPD<br>Limit<br>% | Notes               |
| Blank (2234073-BLK1)            |                 |                                                |                         |                           |          |               | Prepared: 0 | 8/18/22 Ar        | nalyzed: 08/18/22   |
| Diesel Range Organics (C10-C28) | ND              | 25.0                                           |                         |                           |          |               |             |                   |                     |
| Oil Range Organics (C28-C36)    | ND              | 50.0                                           |                         |                           |          |               |             |                   |                     |
| Surrogate: n-Nonane             | 40.1            |                                                | 50.0                    |                           | 80.3     | 50-200        |             |                   |                     |
| LCS (2234073-BS1)               |                 |                                                |                         |                           |          |               | Prepared: 0 | 8/18/22 Ar        | nalyzed: 08/18/22   |
| Diesel Range Organics (C10-C28) | 251             | 25.0                                           | 250                     |                           | 100      | 38-132        |             |                   |                     |
| Surrogate: n-Nonane             | 42.2            |                                                | 50.0                    |                           | 84.3     | 50-200        |             |                   |                     |
| LCS Dup (2234073-BSD1)          |                 |                                                |                         |                           |          |               | Prepared: 0 | 8/18/22 Ar        | nalyzed: 08/18/22   |
| Diesel Range Organics (C10-C28) | 230             | 25.0                                           | 250                     |                           | 91.9     | 38-132        | 8.93        | 20                |                     |
| Surrogate: n-Nonane             | 43.5            |                                                | 50.0                    |                           | 87.0     | 50-200        |             |                   |                     |
|                                 |                 |                                                |                         |                           |          |               |             |                   |                     |



| EOG Resources<br>104 South 4th Street | Project Name: Project Number: | Ocotillo ACI Federal #1<br>19034-0016 | Reported:           |
|---------------------------------------|-------------------------------|---------------------------------------|---------------------|
| Artesia NM, 88210                     | Project Manager:              | Greg Crabtree                         | 8/19/2022 2:42:14PM |

| Anions by EPA 300.0/9056A Analyst: I |                 |                             |                         |                           |          |               |             |                   |                   |  |  |  |
|--------------------------------------|-----------------|-----------------------------|-------------------------|---------------------------|----------|---------------|-------------|-------------------|-------------------|--|--|--|
| Analyte                              | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits | RPD<br>%    | RPD<br>Limit<br>% | Notes             |  |  |  |
| Blank (2234076-BLK1)                 |                 |                             |                         |                           |          |               | Prepared: 0 | 8/18/22 Aı        | nalyzed: 08/18/22 |  |  |  |
| Chloride                             | ND              | 20.0                        |                         |                           |          |               |             |                   |                   |  |  |  |
| LCS (2234076-BS1)                    |                 |                             |                         |                           |          |               | Prepared: 0 | 8/18/22 Aı        | nalyzed: 08/19/22 |  |  |  |
| Chloride                             | 247             | 20.0                        | 250                     |                           | 98.8     | 90-110        |             |                   |                   |  |  |  |
| LCS Dup (2234076-BSD1)               |                 |                             |                         |                           |          |               | Prepared: 0 | 8/18/22 Aı        | nalyzed: 08/19/22 |  |  |  |
| Chloride                             | 267             | 20.0                        | 250                     |                           | 107      | 90-110        | 7.81        | 20                |                   |  |  |  |



Chloride

### **QC Summary Data**

| EOG Resources<br>104 South 4th Street<br>Artesia NM, 88210 |                           | Project Name: Ocotillo ACI Federal #1 Project Number: 19034-0016 Project Manager: Greg Crabtree |                         |                           |          |                    |             | 8                 | <b>Reported:</b> 2:42:14PM |  |  |
|------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------|-------------------------|---------------------------|----------|--------------------|-------------|-------------------|----------------------------|--|--|
|                                                            | Anions by EPA 300.0/9056A |                                                                                                 |                         |                           |          |                    |             |                   |                            |  |  |
| Analyte                                                    | Result<br>mg/kg           | Reporting<br>Limit<br>mg/kg                                                                     | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>%    | RPD<br>Limit<br>% | Notes                      |  |  |
| Blank (2234079-BLK1)                                       |                           |                                                                                                 |                         |                           |          |                    | Prepared: 0 | 8/18/22 An        | alyzed: 08/19/22           |  |  |
| Chloride                                                   | ND                        | 20.0                                                                                            |                         |                           |          |                    |             |                   |                            |  |  |
| LCS (2234079-BS1)                                          |                           |                                                                                                 |                         |                           |          |                    | Prepared: 0 | 8/18/22 An        | alyzed: 08/19/22           |  |  |
| Chloride                                                   | 243                       | 20.0                                                                                            | 250                     |                           | 97.1     | 90-110             |             |                   |                            |  |  |
| LCS Dup (2234079-BSD1)                                     |                           |                                                                                                 |                         |                           |          |                    | Prepared: 0 | 8/18/22 An        | alyzed: 08/19/22           |  |  |

250

20.0

95.0

90-110

2.18

20

238

#### 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           | 08/19/22 14:42 |

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.



|       |    | EF  | A Pr | ogra        | m  |
|-------|----|-----|------|-------------|----|
| andar | d  | CV  | VA   | SD          | WA |
|       |    |     |      |             |    |
| 100   | 1  | _   |      | RC          | RA |
|       |    | Sta | te   | $\triangle$ |    |
| NM    | co |     | AZ   | TX          |    |
| X     |    |     |      |             |    |
|       |    | Rem | arks |             |    |
|       |    |     | -    |             |    |
|       |    |     |      |             |    |
|       |    |     |      |             |    |
|       |    |     |      |             |    |
|       |    |     |      |             | _  |
|       |    |     |      |             |    |
|       |    |     |      |             |    |
|       |    |     |      |             |    |
|       |    | -   |      |             |    |
|       | -  |     |      |             |    |
|       |    |     |      |             |    |
|       |    |     |      |             |    |
|       |    |     |      |             |    |
|       |    |     |      |             |    |
|       |    |     |      |             |    |
|       |    |     |      |             |    |

TAT

3D

1D 2D

Bill To

Attention:

City, State, Zip

Address:

Phone: Email:

Sample ID

C5-217

CS-218

C5-219

(5-220

CS-221

05-222

nformation

Pate, Zip

due by:

15.45

Date Sampled

8116/1022

220219118 84:51

15:50 811612022

15:54 811612022

15:57 81/6/2012

16:00 8:1612622

Matrix

5

5

Containers

C5-723 16:03 811612022 8 16:05 8116/2022 CS-224 0 C5-225 14:08 8116/2022 C5-226 811616022 ional Instructions: sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, time of collection is considered fraud and may be grounds for legal action. Samples requiring thermal preservation must be received packed in ice at an avg temp above 0 but less than 6 °C time of collection is considered fraud and may be grounds for legal action. Lab Use Only Date Received by: (Signature) 8.17.22 8/17/2022 12:25 Received on ice: 8.17 8/18/22 Received by: (Signature) ished by: (Signature) 10:0 .22 400 ished by: (Signature) AVG Temp °C Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other iamples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above is 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.



Lab Use Only

Job Number 19034-0016

Analysis and Method

E **20809**9

DRO/ORO by 8015

Lab

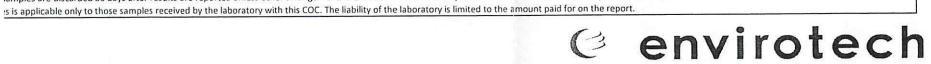
Number

3

(0

@ envirotech

| Ima                 | formation           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | /                    |                      | 1                                                                       | n of Custody          |                 |                 |              |               |        |                |               |                             |       |     |         |                             | of0             |
|---------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------|-------------------------------------------------------------------------|-----------------------|-----------------|-----------------|--------------|---------------|--------|----------------|---------------|-----------------------------|-------|-----|---------|-----------------------------|-----------------|
| 89.                 |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | /                    |                      | Bill To                                                                 |                       | )               |                 |              | b Us          |        |                | 4             |                             | -     | TAT |         |                             | Program         |
| oret:               |                     | A.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1/                   |                      | Attention:                                                              |                       | Lab             | WO#             | ~            |               |        | Numb           |               | 1D 2                        | D 3D  | St  | andard  | CWA                         | SDWA            |
| 3 M                 | anager:             | V W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10                   |                      | Address:                                                                |                       | Fo              | 808             | 0            |               |        |                | OOL6<br>Metho |                             |       | 1   |         |                             | RCRA            |
| 55:                 | 7:-                 | 111                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0                    |                      | City, State, Zip Phone:                                                 |                       |                 |                 |              | ı i           | Anaiy  | sis and        | lvietho       |                             |       | T   |         |                             | I X             |
| Rate                | e, ZIP              | 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      |                      | Email:                                                                  |                       |                 | N               |              |               |        |                |               |                             |       |     |         | State                       |                 |
| 13                  |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      | 10                   | Elilali.                                                                |                       | / 801           | / 801           | 1            |               |        | 0.0            |               |                             |       |     | NM C    | O UT A                      | Z TX            |
| ₹ dı                | ie by:              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      | -                    |                                                                         |                       | (d O)           | (d 0)           | 802          | 8260          | 6010   | 300            |               |                             |       |     | X       |                             |                 |
| 5.45 <sup>m</sup> / | Date Sampled        | Matrix                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | No. of<br>Containers | Sample ID            |                                                                         | Lab<br>Number         | DRO/ORO by 8015 | GRO/DRO by 8015 | втех by 802. | VOC by 8260   | Metals | Chloride 300.0 |               |                             |       |     |         | Remark                      | .s              |
| 6.74                | 8/1612on            | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | )                    | (5-727               | L                                                                       | 11                    | X               | X               | X            |               |        | X              |               |                             |       |     |         |                             |                 |
|                     | 81142022            | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1                    | (5-228               |                                                                         | 12                    |                 |                 | 1            |               |        | 1              |               |                             |       |     |         |                             |                 |
| 6:20                | 811612022           | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | I                    | C5-779               |                                                                         | 13                    |                 |                 | 1            |               |        |                | $\perp$       |                             |       |     |         |                             |                 |
| :23                 | 8116/2022           | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1                    | CS-230               |                                                                         | 14                    |                 |                 | $\perp$      |               |        |                |               |                             |       |     |         |                             |                 |
| 6:25                | 8116/2022           | . 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1                    | CS-231               |                                                                         | 15                    |                 |                 |              |               |        |                |               |                             |       |     |         |                             |                 |
| 6:22                | 8/16/2027           | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1                    | C5. 232              |                                                                         | 16                    |                 |                 |              |               |        |                |               |                             |       |     |         | ×                           |                 |
| 7.46                | Sistou              | S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ı                    | cs- 733              |                                                                         | 17                    |                 |                 |              |               |        |                |               |                             |       |     |         |                             |                 |
| 7:48                | 81/6/1022           | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ١                    | cs - 234             |                                                                         | 18                    |                 |                 |              |               |        |                |               |                             | _     |     |         |                             |                 |
| 7:50                | 8/16/2021           | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1                    | C5-235               |                                                                         | 19                    |                 |                 |              |               |        |                |               |                             |       |     |         |                             |                 |
| 7.52                | 811616032           | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ı                    | C5-236               |                                                                         | 20                    | 1               | 7               | 1            |               |        | 1              |               |                             |       |     |         |                             |                 |
| iona                | al Instruction      | is:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      |                      |                                                                         |                       |                 |                 |              |               |        |                |               |                             |       |     |         |                             |                 |
| amp                 | ler), attest to the | validity and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | l authenticity       | of this sample. I am | aware that tampering with or intentionally mislab<br>ction. Sampled by: | pelling the sample lo | ocation         | i.              |              |               |        |                |               | oreservation<br>o above 0 b |       |     |         | lay they are sam<br>t days. | pled or receive |
| -                   |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | aud and may<br>Date  |                      | Received by: (Signature)                                                | Date                  | -               | Time            |              |               |        |                | 4.            |                             | Use O |     | P total | ART TO SEE                  | a udomina.      |
| Es                  | d by: (Signature    | دا<br>مست                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      | 17/2022 12           |                                                                         | - 8.17.               | 22              | 12              | 22           | 5             | Rece   | eived o        | on ice:       | (Y)/                        |       |     |         |                             |                 |
|                     | d by: (Signature    | 2) / /                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Date                 | Time                 | Received by: (Signature)                                                | 18/18/2               | 27              | Time            | ):C          | $\mathcal{L}$ | T1     |                |               | T2                          |       |     | T3      |                             |                 |
| Jishe               | d by: (Signatur     | War and the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same o | Date                 | Time                 | Received by: (Signature)                                                | Date                  | پ               | Time            |              |               | -      | Temp           | °c L          | +                           |       |     |         |                             |                 |
|                     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |                      |                                                                         | Containe              |                 |                 |              |               |        |                |               |                             |       |     |         |                             |                 |



| d to Im     | formation                            |                |                      |                                          |                |                  |                    | Chain of Cu      | istody        |            |            |                   |             |             |                |             |           |             |               |                                           | Page 5       | of _         |
|-------------|--------------------------------------|----------------|----------------------|------------------------------------------|----------------|------------------|--------------------|------------------|---------------|------------|------------|-------------------|-------------|-------------|----------------|-------------|-----------|-------------|---------------|-------------------------------------------|--------------|--------------|
| aging       | lanager:                             | (              |                      |                                          | Atten<br>Addre |                  | Bill To            |                  | 7             | Lab<br>F.  | W0#        | !                 |             | Job I       | Numl           | oer<br>-66( |           | 2D          | TAT           | Standard                                  | EPA P        | SDW          |
| 7/2022<br>2 | e, Zip                               | M              |                      |                                          | -              | State, Zip<br>e: |                    |                  |               | 8015       | 8015       |                   |             | Analy       | sis an         | d Metho     |           |             |               | NM CO                                     | State UT AZ  | RCR          |
| 70.45°P     | Date Sampled                         | Matrix         | No. of<br>Containers | Sample ID                                |                |                  |                    | 1                | Lab<br>Number | DRO/ORO by | GRO/DRO by | BTEX by 802:      | VOC by 8260 | Metals 6010 | Chloride 300.0 |             |           |             |               | Xr                                        | Remarks      | 5            |
| 3           | 8/16/2022                            | 5              | 1                    | 25-277                                   |                |                  |                    |                  | 21            | X          | X          | X                 |             |             | X              |             |           |             |               |                                           |              |              |
| 17:56       | 811616022                            | 5              | ١                    | US-738                                   |                |                  |                    |                  | 22            |            |            |                   |             |             |                |             |           |             |               |                                           |              |              |
| 7.58        | 8/16/2022                            | 5              | 1                    | CS 239                                   |                |                  |                    |                  | 23            |            |            |                   |             |             |                |             |           |             |               |                                           |              |              |
| 18:02       | 811616062                            | 5              | 1                    | C5-240                                   |                |                  |                    |                  | 24            |            | 1          |                   |             |             |                |             |           |             | _             |                                           |              |              |
| 18:04       | 811616622                            | 5              | ĺ                    | cs-241                                   |                |                  | -                  |                  | 25            |            |            | 1                 |             |             |                |             |           |             | 4             | _                                         |              |              |
| 18:00       | 9116/2022                            | 2              | 1                    | 15-242                                   |                |                  |                    |                  | 30            | 1          | -          | 1                 |             |             |                |             | -         |             | _             |                                           |              |              |
| 18:08<br>—  | 8116Norz                             | 5              | - (                  | C5-243                                   |                |                  |                    |                  | 27            |            | +          | ك                 |             |             | L              |             |           |             |               |                                           |              |              |
| _           |                                      |                |                      |                                          |                |                  |                    |                  |               |            |            |                   |             | -           |                |             |           |             |               |                                           |              |              |
| samı        | al Instruction  bler), attest to the | validity and   | d authenticit        | y of this sample. I am a                 | ware that ta   | ampering with    | n or intentionally | mislabelling the | e sample l    | ocation    | ١,         |                   |             |             |                |             |           |             |               | ived on ice the day<br>'C on subsequent d |              | oled or rece |
| ish         | ed by: (Signatur                     | e)<br>~~~      | - Date               | 17/2022 12:                              | 25- F          | Received by:     | (Signature)        | 26-0             | 8-17-         | 22         | Time       | 22                | 5           | Rece        | eived          | on ice:     | 0         | b Us<br>y N | e Onl         | <b>/</b>                                  |              |              |
| 0           | ed by: (Signatur                     | - de           | 8.<br>Date           |                                          | 00             | Received by:     | ula                |                  | 8/18<br>ate   | KL         | Time       | ): <u>(</u>       | U           |             | i Tem          |             | <u>T2</u> |             |               | <u>T3</u>                                 |              |              |
| Mat         | rix: S - Soil, Sd - So               | olid, Sg - Slu | dge, A - Aque        | eous, O - Other<br>ts are reported unles | s other arr    | rangements       | are made. Ha       | ozardous samo    | ontaine       | r Type     | e: g - į   | glass,<br>o clier | p - p       | oly/p       | lastic,        | ag - aml    | ber glas  | s, v - \    | VOA<br>he rep | ort for the ana                           | lysis of the | above        |



Printed: 8/18/2022 11:47:40AM

### **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.

| Client:   | EOG Resources                                                                                                                                                  | Date Received:    | 08/18/22   | 10:00             | Work Order ID:          | E208099              |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|-------------------|-------------------------|----------------------|
| Phone:    | (575) 748-4217                                                                                                                                                 | Date Logged In:   | 08/17/22   | 16:26             | Logged In By:           | Caitlin Christian    |
| Email:    |                                                                                                                                                                | Due Date:         |            | 17:00 (0 day TAT) |                         |                      |
|           |                                                                                                                                                                |                   |            |                   |                         |                      |
| Chain of  | Custody (COC)                                                                                                                                                  |                   |            |                   |                         |                      |
| 1. Does t | he sample ID match the COC?                                                                                                                                    |                   | Yes        |                   |                         |                      |
| 2. Does t | he number of samples per sampling site location ma                                                                                                             | tch the COC       | Yes        |                   |                         |                      |
| 3. Were s | samples dropped off by client or carrier?                                                                                                                      |                   | Yes        | Carrier: <u>U</u> | J <u>PS</u>             |                      |
| 4. Was th | e COC complete, i.e., signatures, dates/times, reques                                                                                                          | sted analyses?    | Yes        | _                 | <del></del> -           |                      |
| 5. Were a | all 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 disucssi |                   | Yes        |                   | <u>Commen</u>           | ts/Resolution        |
|           | Furn Around Time (TAT)  e COC indicate standard TAT, or Expedited TAT?                                                                                         |                   | Yes        |                   | Project has been sepera | ted into two reports |
|           |                                                                                                                                                                |                   | 103        |                   | due to sample volume.   | =                    |
| Sample 0  | sample cooler received?                                                                                                                                        |                   | Yes        |                   | •                       |                      |
|           | was cooler received in good condition?                                                                                                                         |                   | Yes        |                   | follows: E208098 and I  | E208099              |
|           | -                                                                                                                                                              |                   |            |                   |                         |                      |
|           | ne sample(s) received intact, i.e., not broken?                                                                                                                |                   | No         |                   |                         |                      |
|           | custody/security seals present?                                                                                                                                |                   | No         |                   |                         |                      |
| -         | s, were custody/security seals intact?                                                                                                                         |                   | NA         |                   |                         |                      |
|           | ne sample received on ice? If yes, the recorded temp is 4°C,<br>Note: Thermal preservation is not required, if samples ar<br>minutes of sampling               | e received w/i 15 | Yes        |                   |                         |                      |
|           | visible ice, record the temperature. Actual sample                                                                                                             | temperature: 4°   | <u>C</u>   |                   |                         |                      |
|           | <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                                                                                                          | ners collected?   | Yes        |                   |                         |                      |
| Field La  | <del></del>                                                                                                                                                    |                   |            |                   |                         |                      |
|           | field sample labels filled out with the minimum info                                                                                                           | ormation:         | *7         |                   |                         |                      |
|           | sample ID?<br>Date/Time Collected?                                                                                                                             |                   | Yes        |                   |                         |                      |
|           | Collectors name?                                                                                                                                               |                   | Yes<br>Yes |                   |                         |                      |
|           | Preservation                                                                                                                                                   |                   | 105        |                   |                         |                      |
|           | the COC or field labels indicate the samples were pr                                                                                                           | reserved?         | No         |                   |                         |                      |
| 22. Are s | ample(s) correctly preserved?                                                                                                                                  |                   | NA         |                   |                         |                      |
|           | filteration required and/or requested for dissolved n                                                                                                          | netals?           | No         |                   |                         |                      |
| Multiph   | ase Sample Matrix                                                                                                                                              |                   |            |                   |                         |                      |
|           | the sample have more than one phase, i.e., multipha                                                                                                            | se?               | No         |                   |                         |                      |
|           | s, does the COC specify which phase(s) is to be analy                                                                                                          |                   | NA         |                   |                         |                      |
|           |                                                                                                                                                                | ,                 | 1171       |                   |                         |                      |
|           | ract Laboratory                                                                                                                                                |                   | Ma         |                   |                         |                      |
|           | amples required to get sent to a subcontract laborato a subcontract laboratory specified by the client and it                                                  | -                 | No         | 0.1               | 214                     |                      |
|           | • • •                                                                                                                                                          | i so wilo:        | NA         | Subcontract Lab   | : NA                    |                      |
| Client I  | <u>nstruction</u>                                                                                                                                              |                   |            |                   |                         |                      |
|           |                                                                                                                                                                |                   |            |                   |                         |                      |
|           |                                                                                                                                                                |                   |            |                   |                         |                      |
|           |                                                                                                                                                                |                   |            |                   |                         |                      |
|           |                                                                                                                                                                |                   |            |                   |                         |                      |
|           |                                                                                                                                                                |                   |            |                   |                         |                      |
|           |                                                                                                                                                                |                   |            |                   |                         |                      |
|           |                                                                                                                                                                |                   |            |                   |                         |                      |
|           |                                                                                                                                                                |                   |            |                   |                         |                      |
|           |                                                                                                                                                                |                   |            |                   |                         |                      |
| Signa     | ture of client authorizing changes to the COC or sample dis                                                                                                    | position.         | _          |                   | Date                    | envirotech Inc.      |

Report to:
Greg Crabtree





5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

### **Analytical Report**

**EOG Resources** 

Project Name: Ocotilla

Work Order: E208111

Job Number: 19034-0016

Received: 8/19/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/23/22

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: 8/23/22

Greg Crabtree 104 South 4th Street Artesia, NM 88210

Project Name: Ocotilla Workorder: E208111

Date Received: 8/19/2022 1:42:00PM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/19/2022 1:42:00PM, under the Project Name: Ocotilla.

The analytical test results summarized in this report with the Project Name: Ocotilla 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

Rayny Hagan Technical Representative

West Texas Midland/Odessa Area

Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

### **Table of Contents**

| Title Page                                          | 1  |
|-----------------------------------------------------|----|
| Cover Page                                          | 2  |
| Table of Contents                                   | 3  |
| Sample Summary                                      | 4  |
| Sample Data                                         | 5  |
| CS-244                                              | 5  |
| CS-245                                              | 6  |
| CS-246                                              | 7  |
| CS-247                                              | 8  |
| CS-248                                              | 9  |
| QC Summary Data                                     | 10 |
| QC - Volatile Organic Compounds by EPA 8260B        | 10 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO     | 11 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 12 |
| QC - Anions by EPA 300.0/9056A                      | 13 |
| Definitions and Notes                               | 14 |
| Chain of Custody etc.                               | 15 |

### Sample Summary

| EOG Resources        | Project Name:    | Ocotilla      | Donoutod       |
|----------------------|------------------|---------------|----------------|
| 104 South 4th Street | Project Number:  | 19034-0016    | Reported:      |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree | 08/23/22 11:36 |

| Client Sample ID | Lab Sample ID Matri | x Sampled | Received | Container        |
|------------------|---------------------|-----------|----------|------------------|
| CS-244           | E208111-01A Soil    | 08/17/22  | 08/19/22 | Glass Jar, 2 oz. |
| CS-245           | E208111-02A Soil    | 08/17/22  | 08/19/22 | Glass Jar, 2 oz. |
| CS-246           | E208111-03A Soil    | 08/17/22  | 08/19/22 | Glass Jar, 2 oz. |
| CS-247           | E208111-04A Soil    | 08/17/22  | 08/19/22 | Glass Jar, 2 oz. |
| CS-248           | F208111-05A Soil    | 08/17/22  | 08/19/22 | Glass Jar. 2 oz. |



| EOG Resources        | Project Name:    | Ocotilla      |                      |
|----------------------|------------------|---------------|----------------------|
| 104 South 4th Street | Project Number:  | 19034-0016    | Reported:            |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree | 8/23/2022 11:36:36AM |

#### CS-244 E208111-01

|                                                |        | Reporting |        |            |          |          |                |
|------------------------------------------------|--------|-----------|--------|------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | ition      | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: l | ΙΥ       |          | Batch: 2234100 |
| Benzene                                        | ND     | 0.0250    | 1      | l          | 08/19/22 | 08/20/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      | 1          | 08/19/22 | 08/20/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      | 1          | 08/19/22 | 08/20/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      | 1          | 08/19/22 | 08/20/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      | 1          | 08/19/22 | 08/20/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      | l          | 08/19/22 | 08/20/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 97.9 %    | 70-130 |            | 08/19/22 | 08/20/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 94.2 %    | 70-130 |            | 08/19/22 | 08/20/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %     | 70-130 |            | 08/19/22 | 08/20/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: l | ΙΥ       |          | Batch: 2234100 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      | [          | 08/19/22 | 08/20/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 97.9 %    | 70-130 |            | 08/19/22 | 08/20/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 94.2 %    | 70-130 |            | 08/19/22 | 08/20/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %     | 70-130 |            | 08/19/22 | 08/20/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: J | ΠL       |          | Batch: 2234104 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0      | 1      | 1          | 08/19/22 | 08/22/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      | 1      |            | 08/19/22 | 08/22/22 |                |
| Surrogate: n-Nonane                            |        | 74.6 %    | 50-200 |            | 08/19/22 | 08/22/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: l | KL       |          | Batch: 2235003 |
| Chloride                                       | 76.8   | 20.0      | 1      | [          | 08/22/22 | 08/22/22 |                |
|                                                |        |           |        |            |          |          |                |



| EOG Resources        | Project Name:    | Ocotilla      |                      |
|----------------------|------------------|---------------|----------------------|
| 104 South 4th Street | Project Number:  | 19034-0016    | Reported:            |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree | 8/23/2022 11:36:36AM |

#### **CS-245**

|                                                |            | Reporting |        |             |          |          |                |
|------------------------------------------------|------------|-----------|--------|-------------|----------|----------|----------------|
| Analyte                                        | Result     | Limit     | Dilut  | tion 1      | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg      | mg/kg     | A      | Analyst: IY |          |          | Batch: 2234100 |
| Benzene                                        | ND         | 0.0250    | 1      | (           | 08/19/22 | 08/20/22 |                |
| Ethylbenzene                                   | ND         | 0.0250    | 1      | (           | 08/19/22 | 08/20/22 |                |
| Toluene                                        | ND         | 0.0250    | 1      | (           | 08/19/22 | 08/20/22 |                |
| o-Xylene                                       | ND         | 0.0250    | 1      | (           | 08/19/22 | 08/20/22 |                |
| p,m-Xylene                                     | ND         | 0.0500    | 1      | (           | 08/19/22 | 08/20/22 |                |
| Total Xylenes                                  | ND         | 0.0250    | 1      | (           | 08/19/22 | 08/20/22 |                |
| Surrogate: Bromofluorobenzene                  |            | 102 %     | 70-130 |             | 08/19/22 | 08/20/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |            | 98.5 %    | 70-130 |             | 08/19/22 | 08/20/22 |                |
| Surrogate: Toluene-d8                          |            | 104 %     | 70-130 | •           | 08/19/22 | 08/20/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg      | mg/kg     | A      | Analyst: IY |          |          | Batch: 2234100 |
| Gasoline Range Organics (C6-C10)               | ND         | 20.0      | 1      | (           | 08/19/22 | 08/20/22 |                |
| Surrogate: Bromofluorobenzene                  |            | 102 %     | 70-130 |             | 08/19/22 | 08/20/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |            | 98.5 %    | 70-130 |             | 08/19/22 | 08/20/22 |                |
| Surrogate: Toluene-d8                          |            | 104 %     | 70-130 |             | 08/19/22 | 08/20/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg      | mg/kg     | A      | Analyst: JL |          |          | Batch: 2234104 |
| Diesel Range Organics (C10-C28)                | ND         | 25.0      | 1      | (           | 08/19/22 | 08/22/22 | _              |
| Oil Range Organics (C28-C36)                   | 56.0       | 50.0      | 1      | (           | 08/19/22 | 08/22/22 |                |
| Surrogate: n-Nonane                            |            | 82.6 %    | 50-200 |             | 08/19/22 | 08/22/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg      | mg/kg     | A      | Analyst: KL |          |          | Batch: 2235003 |
| Amons by EPA 500.0/9050A                       | <i>U U</i> |           |        |             |          |          |                |



| EOG Resources        | Project Name:    | Ocotilla      |                      |
|----------------------|------------------|---------------|----------------------|
| 104 South 4th Street | Project Number:  | 19034-0016    | Reported:            |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree | 8/23/2022 11:36:36AM |

#### **CS-246**

|                                                |        | Reporting |        |           |          |          |                |
|------------------------------------------------|--------|-----------|--------|-----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dil    | ution     | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst:  | : IY     |          | Batch: 2234100 |
| Benzene                                        | ND     | 0.0250    |        | 1         | 08/19/22 | 08/20/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    |        | 1         | 08/19/22 | 08/20/22 |                |
| Toluene                                        | ND     | 0.0250    |        | 1         | 08/19/22 | 08/20/22 |                |
| o-Xylene                                       | ND     | 0.0250    |        | 1         | 08/19/22 | 08/20/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    |        | 1         | 08/19/22 | 08/20/22 |                |
| Total Xylenes                                  | ND     | 0.0250    |        | 1         | 08/19/22 | 08/20/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 98.6 %    | 70-130 |           | 08/19/22 | 08/20/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 95.4 %    | 70-130 |           | 08/19/22 | 08/20/22 |                |
| Surrogate: Toluene-d8                          |        | 104 %     | 70-130 |           | 08/19/22 | 08/20/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst:  | : IY     |          | Batch: 2234100 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      |        | 1         | 08/19/22 | 08/20/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 98.6 %    | 70-130 |           | 08/19/22 | 08/20/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 95.4 %    | 70-130 |           | 08/19/22 | 08/20/22 |                |
| Surrogate: Toluene-d8                          |        | 104 %     | 70-130 |           | 08/19/22 | 08/20/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst:  | : Л      |          | Batch: 2234104 |
| Diesel Range Organics (C10-C28)                | 45.2   | 25.0      | •      | 1         | 08/19/22 | 08/22/22 |                |
| Oil Range Organics (C28-C36)                   | 69.4   | 50.0      |        | 1         | 08/19/22 | 08/22/22 |                |
| Surrogate: n-Nonane                            |        | 80.2 %    | 50-200 |           | 08/19/22 | 08/22/22 |                |
|                                                | _      |           |        | A malvote | . VI     |          | Batch: 2235003 |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst:  | KL       |          | Batch: 2253005 |



| EOG Resources        | Project Name:    | Ocotilla      |                      |
|----------------------|------------------|---------------|----------------------|
| 104 South 4th Street | Project Number:  | 19034-0016    | Reported:            |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree | 8/23/2022 11:36:36AM |

#### **CS-247**

|                                                |        | Reporting |        |          |          |          |                |
|------------------------------------------------|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilu   | ition    | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234100 |
| Benzene                                        | ND     | 0.0250    | 1      | [        | 08/19/22 | 08/20/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      | l        | 08/19/22 | 08/20/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      | l        | 08/19/22 | 08/20/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      | 1        | 08/19/22 | 08/20/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      | 1        | 08/19/22 | 08/20/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      | l        | 08/19/22 | 08/20/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 99.0 %    | 70-130 |          | 08/19/22 | 08/20/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 95.7 %    | 70-130 |          | 08/19/22 | 08/20/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %     | 70-130 |          | 08/19/22 | 08/20/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2234100 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      | Į.       | 08/19/22 | 08/20/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 99.0 %    | 70-130 |          | 08/19/22 | 08/20/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 95.7 %    | 70-130 |          | 08/19/22 | 08/20/22 |                |
| Surrogate: Toluene-d8                          |        | 103 %     | 70-130 |          | 08/19/22 | 08/20/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: | JL       |          | Batch: 2234104 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0      | 1      |          | 08/19/22 | 08/22/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      | 1      | l        | 08/19/22 | 08/22/22 |                |
| Surrogate: n-Nonane                            |        | 81.9 %    | 50-200 |          | 08/19/22 | 08/22/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: | KL       |          | Batch: 2235003 |
|                                                |        |           |        |          |          |          |                |



| EOG Resources        | Project Name:    | Ocotilla      |                      |
|----------------------|------------------|---------------|----------------------|
| 104 South 4th Street | Project Number:  | 19034-0016    | Reported:            |
| Artesia NM, 88210    | Project Manager: | Greg Crabtree | 8/23/2022 11:36:36AM |

#### **CS-248**

|                                                |        | Reporting |        |             |          |          |                |
|------------------------------------------------|--------|-----------|--------|-------------|----------|----------|----------------|
| Analyte                                        | Result | Limit     | Dilut  | tion        | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     | I      | Analyst: IY | •        |          | Batch: 2234100 |
| Benzene                                        | ND     | 0.0250    | 1      |             | 08/19/22 | 08/20/22 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      |             | 08/19/22 | 08/20/22 |                |
| Toluene                                        | ND     | 0.0250    | 1      |             | 08/19/22 | 08/20/22 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      |             | 08/19/22 | 08/20/22 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      |             | 08/19/22 | 08/20/22 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      |             | 08/19/22 | 08/20/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 101 %     | 70-130 |             | 08/19/22 | 08/20/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 103 %     | 70-130 |             | 08/19/22 | 08/20/22 |                |
| Surrogate: Toluene-d8                          |        | 104 %     | 70-130 |             | 08/19/22 | 08/20/22 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | 1      | Analyst: IY | 7        |          | Batch: 2234100 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      |             | 08/19/22 | 08/20/22 |                |
| Surrogate: Bromofluorobenzene                  |        | 101 %     | 70-130 |             | 08/19/22 | 08/20/22 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 103 %     | 70-130 |             | 08/19/22 | 08/20/22 |                |
| Surrogate: Toluene-d8                          |        | 104 %     | 70-130 |             | 08/19/22 | 08/20/22 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: JL |          |          | Batch: 2234104 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0      | 1      |             | 08/19/22 | 08/22/22 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      | 1      |             | 08/19/22 | 08/22/22 |                |
| Surrogate: n-Nonane                            | ·      | 89.0 %    | 50-200 |             | 08/19/22 | 08/22/22 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | 1      | Analyst: K  | L        |          | Batch: 2235003 |
|                                                |        |           |        |             |          |          |                |



EOG ResourcesProject Name:OcotillaReported:104 South 4th StreetProject Number:19034-0016Artesia NM, 88210Project Manager:Greg Crabtree8/23/2022 11:36:36AM

| Artesia NM, 88210                |                                         | Project Manage     | r: Gr          | reg Crabtree     |      |               |              | 8.           | /23/2022 11:36:36AN |
|----------------------------------|-----------------------------------------|--------------------|----------------|------------------|------|---------------|--------------|--------------|---------------------|
|                                  | Volatile Organic Compounds by EPA 8260B |                    |                |                  |      |               |              |              | Analyst: RKS        |
| Analyte                          | Result                                  | Reporting<br>Limit | Spike<br>Level | Source<br>Result | Rec  | Rec<br>Limits | RPD          | RPD<br>Limit |                     |
|                                  | mg/kg                                   | mg/kg              | mg/kg          | mg/kg            | %    | %             | %            | %            | Notes               |
| Blank (2234100-BLK1)             |                                         |                    |                |                  |      |               | Prepared: 08 | 8/19/22 An   | alyzed: 08/19/22    |
| Benzene                          | ND                                      | 0.0250             |                |                  |      |               |              |              |                     |
| Ethylbenzene                     | ND                                      | 0.0250             |                |                  |      |               |              |              |                     |
| Toluene                          | ND                                      | 0.0250             |                |                  |      |               |              |              |                     |
| o-Xylene                         | ND                                      | 0.0250             |                |                  |      |               |              |              |                     |
| p,m-Xylene                       | ND                                      | 0.0500             |                |                  |      |               |              |              |                     |
| Total Xylenes                    | ND                                      | 0.0250             |                |                  |      |               |              |              |                     |
| Surrogate: Bromofluorobenzene    | 0.502                                   |                    | 0.500          |                  | 100  | 70-130        |              |              |                     |
| Surrogate: 1,2-Dichloroethane-d4 | 0.480                                   |                    | 0.500          |                  | 96.0 | 70-130        |              |              |                     |
| Surrogate: Toluene-d8            | 0.514                                   |                    | 0.500          |                  | 103  | 70-130        |              |              |                     |
| LCS (2234100-BS1)                |                                         |                    |                |                  |      |               | Prepared: 08 | 8/19/22 An   | alyzed: 08/22/22    |
| Benzene                          | 2.38                                    | 0.0250             | 2.50           |                  | 95.2 | 70-130        |              |              |                     |
| Ethylbenzene                     | 2.37                                    | 0.0250             | 2.50           |                  | 94.9 | 70-130        |              |              |                     |
| Toluene                          | 2.37                                    | 0.0250             | 2.50           |                  | 94.7 | 70-130        |              |              |                     |
| o-Xylene                         | 2.22                                    | 0.0250             | 2.50           |                  | 88.7 | 70-130        |              |              |                     |
| o,m-Xylene                       | 4.44                                    | 0.0500             | 5.00           |                  | 88.8 | 70-130        |              |              |                     |
| Total Xylenes                    | 6.66                                    | 0.0250             | 7.50           |                  | 88.8 | 70-130        |              |              |                     |
| Surrogate: Bromofluorobenzene    | 0.500                                   |                    | 0.500          |                  | 100  | 70-130        |              |              |                     |
| Surrogate: 1,2-Dichloroethane-d4 | 0.480                                   |                    | 0.500          |                  | 95.9 | 70-130        |              |              |                     |
| Surrogate: Toluene-d8            | 0.534                                   |                    | 0.500          |                  | 107  | 70-130        |              |              |                     |
| LCS Dup (2234100-BSD1)           |                                         |                    |                |                  |      |               | Prepared: 08 | 8/19/22 An   | alyzed: 08/22/22    |
| Benzene                          | 2.37                                    | 0.0250             | 2.50           |                  | 94.8 | 70-130        | 0.463        | 23           |                     |
| Ethylbenzene                     | 2.37                                    | 0.0250             | 2.50           |                  | 94.9 | 70-130        | 0.00         | 27           |                     |
| Foluene                          | 2.32                                    | 0.0250             | 2.50           |                  | 93.0 | 70-130        | 1.85         | 24           |                     |
| o-Xylene                         | 2.23                                    | 0.0250             | 2.50           |                  | 89.2 | 70-130        | 0.539        | 27           |                     |
| o,m-Xylene                       | 4.44                                    | 0.0500             | 5.00           |                  | 88.8 | 70-130        | 0.0225       | 27           |                     |
| Total Xylenes                    | 6.67                                    | 0.0250             | 7.50           |                  | 88.9 | 70-130        | 0.165        | 27           |                     |
| Surrogate: Bromofluorobenzene    | 0.511                                   |                    | 0.500          |                  | 102  | 70-130        |              |              |                     |
| Surrogate: 1,2-Dichloroethane-d4 | 0.495                                   |                    | 0.500          |                  | 99.0 | 70-130        |              |              |                     |

0.500

0.521

70-130

104



Surrogate: Toluene-d8

EOG ResourcesProject Name:OcotillaReported:104 South 4th StreetProject Number:19034-0016Artesia NM, 88210Project Manager:Greg Crabtree8/23/2022 11:36:36AM

| Nonhalogenated | Organics by | v EPA 8015D | - GRO |
|----------------|-------------|-------------|-------|
|                |             |             |       |

Analyst: RKS

| Analyte | Result | Reporting<br>Limit | Spike<br>Level | Source<br>Result | Rec | Rec<br>Limits | RPD | RPD<br>Limit |       |
|---------|--------|--------------------|----------------|------------------|-----|---------------|-----|--------------|-------|
|         | mg/kg  | mg/kg              | mg/kg          | mg/kg            | %   | %             | %   | %            | Notes |

| Blank (2234100-BLK1)             |       |      |       |      |        | Prepared: 0 | 8/19/22 A | nalyzed: 08/19/22 |
|----------------------------------|-------|------|-------|------|--------|-------------|-----------|-------------------|
| Gasoline Range Organics (C6-C10) | ND    | 20.0 |       |      |        |             |           |                   |
| Surrogate: Bromofluorobenzene    | 0.502 |      | 0.500 | 100  | 70-130 |             |           |                   |
| Surrogate: 1,2-Dichloroethane-d4 | 0.480 |      | 0.500 | 96.0 | 70-130 |             |           |                   |
| Surrogate: Toluene-d8            | 0.514 |      | 0.500 | 103  | 70-130 |             |           |                   |
| LCS (2234100-BS2)                |       |      |       |      |        | Prepared: 0 | 8/19/22 A | nalyzed: 08/19/22 |
| Gasoline Range Organics (C6-C10) | 51.2  | 20.0 | 50.0  | 102  | 70-130 |             |           |                   |
| Surrogate: Bromofluorobenzene    | 0.491 |      | 0.500 | 98.2 | 70-130 |             |           |                   |
| Surrogate: 1,2-Dichloroethane-d4 | 0.494 |      | 0.500 | 98.8 | 70-130 |             |           |                   |
| Surrogate: Toluene-d8            | 0.518 |      | 0.500 | 104  | 70-130 |             |           |                   |
| LCS Dup (2234100-BSD2)           |       |      |       |      |        | Prepared: 0 | 8/19/22 A | nalyzed: 08/19/22 |
| Gasoline Range Organics (C6-C10) | 55.1  | 20.0 | 50.0  | 110  | 70-130 | 7.30        | 20        |                   |
| Surrogate: Bromofluorobenzene    | 0.483 |      | 0.500 | 96.6 | 70-130 |             |           |                   |
| Surrogate: 1,2-Dichloroethane-d4 | 0.477 |      | 0.500 | 95.3 | 70-130 |             |           |                   |
| Surrogate: Toluene-d8            | 0.531 |      | 0.500 | 106  | 70-130 |             |           |                   |



EOG ResourcesProject Name:OcotillaReported:104 South 4th StreetProject Number:19034-0016Artesia NM, 88210Project Manager:Greg Crabtree8/23/2022 11:36:36AM

| Artesia NM, 88210               |        | Project Manage     | r: Gr          | eg Crabtree      |           |               |             | 8/           | 23/2022 11:36:36AN |
|---------------------------------|--------|--------------------|----------------|------------------|-----------|---------------|-------------|--------------|--------------------|
|                                 | Nonhal | logenated Or       | ganics by      | EPA 8015I        | D - DRO   | /ORO          |             |              | Analyst: JL        |
| Analyte                         | Result | Reporting<br>Limit | Spike<br>Level | Source<br>Result | Rec       | Rec<br>Limits | RPD         | RPD<br>Limit |                    |
|                                 | mg/kg  | mg/kg              | mg/kg          | mg/kg            | %         | %             | %           | %            | Notes              |
| Blank (2234104-BLK1)            |        |                    |                |                  |           |               | Prepared: 0 | 8/19/22 Ana  | alyzed: 08/22/22   |
| riesel Range Organics (C10-C28) | ND     | 25.0               |                |                  |           |               |             |              |                    |
| til Range Organics (C28-C36)    | ND     | 50.0               |                |                  |           |               |             |              |                    |
| urrogate: n-Nonane              | 47.7   |                    | 50.0           |                  | 95.3      | 50-200        |             |              |                    |
| .CS (2234104-BS1)               |        |                    |                |                  |           |               | Prepared: 0 | 8/19/22 Ana  | alyzed: 08/22/22   |
| riesel Range Organics (C10-C28) | 220    | 25.0               | 250            |                  | 88.0      | 38-132        |             |              |                    |
| urrogate: n-Nonane              | 43.9   |                    | 50.0           |                  | 87.9      | 50-200        |             |              |                    |
| Aatrix Spike (2234104-MS1)      |        |                    |                | Source:          | E208110-0 | )3            | Prepared: 0 | 8/19/22 Ana  | alyzed: 08/22/22   |
| riesel Range Organics (C10-C28) | 220    | 25.0               | 250            | ND               | 87.8      | 38-132        |             |              |                    |
| urrogate: n-Nonane              | 39.9   |                    | 50.0           |                  | 79.9      | 50-200        |             |              |                    |
| Matrix Spike Dup (2234104-MSD1) |        |                    |                | Source:          | E208110-0 | )3            | Prepared: 0 | 8/19/22 Ana  | alyzed: 08/22/22   |
| tiesel Range Organics (C10-C28) | 235    | 25.0               | 250            | ND               | 93.8      | 38-132        | 6.58        | 20           |                    |
|                                 |        |                    |                |                  |           |               |             |              |                    |



| EOG Resources                             |        | Project Name:                       |                | Ocotilla                   |           |               |             |              | Reported:            |
|-------------------------------------------|--------|-------------------------------------|----------------|----------------------------|-----------|---------------|-------------|--------------|----------------------|
| 104 South 4th Street<br>Artesia NM, 88210 |        | Project Number:<br>Project Manager: |                | 9034-0016<br>Greg Crabtree |           |               |             |              | 8/23/2022 11:36:36AM |
|                                           |        | Anions                              | by EPA         | 300.0/9056 <i>A</i>        | 1         |               |             |              | Analyst: KL          |
| Analyte                                   | Result | Reporting<br>Limit                  | Spike<br>Level | Source<br>Result           | Rec       | Rec<br>Limits | RPD         | RPD<br>Limit |                      |
|                                           | mg/kg  | mg/kg                               | mg/kg          | mg/kg                      | %         | %             | %           | %            | Notes                |
| Blank (2235003-BLK1)                      |        |                                     |                |                            |           |               | Prepared: 0 | 8/22/22 A    | nalyzed: 08/22/22    |
| Chloride                                  | ND     | 20.0                                |                |                            |           |               |             |              |                      |
| LCS (2235003-BS1)                         |        |                                     |                |                            |           |               | Prepared: 0 | 8/22/22 A    | nalyzed: 08/22/22    |
| Chloride                                  | 237    | 20.0                                | 250            |                            | 94.7      | 90-110        |             |              |                      |
| Matrix Spike (2235003-MS1)                |        |                                     |                | Source:                    | E208111-0 | 1             | Prepared: 0 | 8/22/22 A    | nalyzed: 08/22/22    |
| Chloride                                  | 317    | 20.0                                | 250            | 76.8                       | 96.2      | 80-120        |             |              |                      |
| Matrix Spike Dup (2235003-MSD1)           |        |                                     |                | Source:                    | E208111-0 | 1             | Prepared: 0 | 8/22/22 A    | nalyzed: 08/22/22    |
| Chloride                                  | 316    | 20.0                                | 250            | 76.8                       | 95.6      | 80-120        | 0.466       | 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**

| l | EOG Resources        | Project Name:    | Ocotilla      |                |
|---|----------------------|------------------|---------------|----------------|
| l | 104 South 4th Street | Project Number:  | 19034-0016    | Reported:      |
| l | Artesia NM, 88210    | Project Manager: | Greg Crabtree | 08/23/22 11:36 |

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



**Project Information** 

Chain of Custody

|      | ١ ،         |
|------|-------------|
| Page | of <u>/</u> |

| Client: EOG                                     |                                      |                 |                      |                |                          | ī            | Bill T                                      | o                 |               |                 |                 | - La                             | ab U                                         | se On       | ly             | i de      | $\neg$ |          | T           | AT                              | Ī         | EPA Program |                |
|-------------------------------------------------|--------------------------------------|-----------------|----------------------|----------------|--------------------------|--------------|---------------------------------------------|-------------------|---------------|-----------------|-----------------|----------------------------------|----------------------------------------------|-------------|----------------|-----------|--------|----------|-------------|---------------------------------|-----------|-------------|----------------|
|                                                 | Ocasilla                             |                 |                      |                |                          |              | ntion:                                      |                   |               | Lab             | WO              | - 1                              | 1                                            | Job         |                |           |        | D 20     | 3D          | Stan                            | dard      | CWA         | SDWA           |
|                                                 | lanager: 🕒                           | reg             |                      | <del></del>    |                          | <u>Addr</u>  |                                             |                   |               | ΕÓ              | <u>703</u>      | 511                              | <u>.                                    </u> |             |                | 1400      |        | X.       |             |                                 |           |             |                |
| Address:                                        |                                      |                 |                      |                |                          |              | State, Zip                                  |                   |               | 1 -             |                 |                                  |                                              | Analy       | /sis a         | nd Met    | hod    |          |             | <b>,</b>                        | W-3       |             | RCRA           |
| City, Stat                                      | e, Zip                               |                 |                      |                | 1.7                      | <u> Phon</u> |                                             |                   |               | İ               |                 |                                  |                                              |             |                |           |        | - 1      | İ           | 100                             |           |             | LX_            |
| <u>Phone:</u>                                   |                                      |                 |                      |                |                          | <u>Emai</u>  | l:                                          |                   | <del></del>   | 915             | 63              | l                                | 1                                            |             |                |           | - {    |          |             |                                 |           | State       | <del>1</del>   |
|                                                 | Jun EX E                             | <b></b>         |                      |                |                          |              |                                             |                   |               | <u>a</u>        | ڇَ              | 12                               | 8                                            | 2           | 00.0           |           | 1      |          |             | N                               | M CO      | UT AZ       | TX             |
| Report d                                        | ue by:                               |                 | 1                    | <del></del>    |                          |              |                                             |                   | <del></del>   | <u>8</u>        | 觮               | ⊗<br>                            | , 82<br>82                                   | 9 60        | de 3           |           | 1      |          |             |                                 | لسل       |             |                |
| Time<br>Sampled                                 | Date Sampled                         | Matrix          | No. of<br>Containers | Sample ID      |                          |              | · · · · · · · · · · · · · · · · · · ·       |                   | Lab<br>Number | DRO/ORO 5y 8015 | GRO/DRO by 8015 | BTEX by 802:                     | VOC by 8260                                  | Metals 6010 | Chloride 300.0 |           |        |          |             |                                 |           | Remarks     |                |
| 1618                                            | 8117/2022                            | . 5             | (                    | es-            | 244                      | <u> </u>     |                                             |                   | 1             | X               | ×               | ×                                |                                              |             | ¥              |           |        |          |             |                                 |           |             |                |
| 16:20                                           | 8117/2022                            | 5               | (                    | C5.            | 745                      |              |                                             |                   | 2             | x               | ×               | x                                |                                              |             | X              |           |        |          |             |                                 |           |             |                |
| 16:62                                           | 9/17/2022                            | 5               | l                    | C5-            | 246                      |              |                                             |                   | 3             | X               | بر              | x                                |                                              |             | ×              |           |        |          |             |                                 |           |             |                |
|                                                 | 81/7/2022                            |                 | 1                    | C5-1           | 247                      |              |                                             |                   | 4             | У               | У               | Х                                |                                              |             | ۲              |           |        |          |             |                                 |           |             |                |
| 16:26                                           | 817/2022                             |                 | 1                    | C5 -           |                          |              |                                             |                   | 5             | ×               | ×               | V                                |                                              |             | ×              |           |        |          |             |                                 |           |             |                |
|                                                 |                                      |                 |                      |                | _                        |              |                                             |                   | 1             |                 |                 |                                  |                                              |             |                |           |        |          |             |                                 |           |             |                |
|                                                 |                                      |                 |                      |                |                          |              |                                             |                   |               |                 |                 |                                  |                                              |             |                |           |        |          |             |                                 |           |             |                |
|                                                 |                                      |                 |                      |                |                          |              |                                             |                   |               |                 |                 |                                  |                                              |             |                |           |        |          |             |                                 |           |             |                |
|                                                 |                                      |                 |                      |                |                          |              |                                             |                   |               |                 |                 |                                  |                                              |             |                |           |        |          |             |                                 |           |             |                |
|                                                 |                                      |                 |                      |                |                          |              |                                             |                   |               |                 |                 |                                  |                                              |             |                |           |        |          |             |                                 |           |             |                |
| Addition                                        | al Instruction                       | ns:             |                      |                |                          |              |                                             |                   | •             |                 |                 |                                  |                                              |             |                |           |        |          |             |                                 |           |             |                |
|                                                 | oler), attest to the                 |                 |                      | -              |                          |              | ampering with or intentional<br>Sampled by: | ally mislabelling |               | cation,         | ı               |                                  |                                              |             | •              | -         |        |          |             | eceived on ice<br>6 °C on subse | •         |             | ed or received |
| Relinguished by: (Signature)  Date  7/19/202 13 |                                      |                 |                      |                | 1                        | zer          | Received by: Signature)                     | the               | 8/19/2        | 22              | Time            | 3:4                              | 12                                           | Rece        | ived           | on ice    |        | Lab      | Jse Or<br>V | nly -                           |           |             |                |
| Relinquished by: (Signature) Date Time          |                                      |                 |                      |                | Received by: (Signature) |              | Date                                        |                   | Time          |                 |                 | Received on ice: (1) N  T1 T2 T3 |                                              |             |                |           |        |          |             |                                 |           |             |                |
| Relinquished by: (Signature) Date Time          |                                      |                 |                      | I              | Received by: (Signature) |              | Date                                        | ·                 | Time          |                 |                 | AVG                              | Tem                                          | plic <      | 4              |           |        |          |             |                                 |           |             |                |
| Sample Mate                                     | rix: <b>S</b> - Soil, <b>Sd</b> - Sc | olid, Sg - Sluc | lge, A - Aque        | ous, O - Other | ·                        |              | · · · · · · · · · · · · · · · · · · ·       |                   | Container     | Туре            | : g - g         | lass,                            |                                              |             |                |           | ıber ( | glass, v | - VOA       |                                 |           | · · · ·     |                |
|                                                 |                                      | •               |                      |                |                          |              | rangements are made.                        |                   |               |                 |                 |                                  |                                              |             |                | t the cli | ent ex | pense.   | The re      | port for the                    | ne analys | is of the a | bove           |



Printed: 8/19/2022 2:03:33PM

#### **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:    | 08/19/22 13:4 | 42             |             | Work Order ID:  | E208111           |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------|----------------|-------------|-----------------|-------------------|
| Phone:      | (575) 748-4217                                                                                                                                                                                        | Date Logged In:   | 08/19/22 13:: | 59             |             | Logged In By:   | Caitlin Christian |
| Email:      |                                                                                                                                                                                                       | Due Date:         | 08/22/22 17:0 | 00 (1 day TAT) |             |                 |                   |
|             |                                                                                                                                                                                                       |                   |               |                |             |                 |                   |
| Chain of    | Custody (COC)                                                                                                                                                                                         |                   |               |                |             |                 |                   |
| 1. Does th  | ne sample ID match the COC?                                                                                                                                                                           |                   | Yes           |                |             |                 |                   |
| 2. Does th  | ne number of samples per sampling site location mat                                                                                                                                                   | tch the COC       | Yes           |                |             |                 |                   |
| 3. Were sa  | amples dropped off by client or carrier?                                                                                                                                                              |                   | Yes           | Carrier: I     | saac Garcia |                 |                   |
| 4. Was the  | e COC complete, i.e., signatures, dates/times, reques                                                                                                                                                 | sted analyses?    | Yes           |                |             |                 |                   |
| 5. Were a   | Il samples received within holding time?<br>Note: Analysis, such as pH which should be conducted in<br>i.e, 15 minute hold time, are not included in this disucssi                                    | •                 | Yes           |                |             | <u>Comments</u> | s/Resolution      |
| Sample T    | Curn Around Time (TAT)                                                                                                                                                                                |                   |               |                |             |                 |                   |
| 6. Did the  | COC indicate standard TAT, or Expedited TAT?                                                                                                                                                          |                   | Yes           |                |             |                 |                   |
| Sample C    | <u>Cooler</u>                                                                                                                                                                                         |                   |               |                |             |                 |                   |
| 7. Was a s  | sample cooler received?                                                                                                                                                                               |                   | Yes           |                |             |                 |                   |
| 8. If 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            |                |             |                 |                   |
| 12. Was th  | e sample received on ice? If yes, the recorded temp is 4°C,<br>Note: Thermal preservation is not required, if samples ar<br>minutes of sampling<br>visible ice, record the temperature. Actual sample | e received w/i 15 | Yes           |                |             |                 |                   |
| Sample C    |                                                                                                                                                                                                       |                   | <b>-</b>      |                |             |                 |                   |
|             | 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'                                                                                                                                                   | 7                 | Yes           |                |             |                 |                   |
|             | appropriate volume/weight or number of sample contain                                                                                                                                                 |                   | Yes           |                |             |                 |                   |
| Field Lat   | · · ·                                                                                                                                                                                                 | iers conceica.    | 105           |                |             |                 |                   |
|             | field sample labels filled out with the minimum info                                                                                                                                                  | ormation.         |               |                |             |                 |                   |
|             | ample ID?                                                                                                                                                                                             |                   | Yes           |                |             |                 |                   |
|             | ate/Time Collected?                                                                                                                                                                                   |                   | Yes           |                | <u> </u>    |                 |                   |
| C           | ollectors name?                                                                                                                                                                                       |                   | Yes           |                |             |                 |                   |
| Sample P    | <u>reservation</u>                                                                                                                                                                                    |                   |               |                |             |                 |                   |
| 21. Does    | the COC or field labels indicate the samples were pr                                                                                                                                                  | 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 laborato                                                                                                                                                 | ry?               | No            |                |             |                 |                   |
|             | subcontract laboratory specified by the client and it                                                                                                                                                 | •                 |               | ubcontract Lab | o: na       |                 |                   |
|             | nstruction                                                                                                                                                                                            |                   |               |                |             |                 |                   |
| CHEILI      | isti uction                                                                                                                                                                                           |                   |               |                |             |                 |                   |
|             |                                                                                                                                                                                                       |                   |               |                |             |                 |                   |
|             |                                                                                                                                                                                                       |                   |               |                |             |                 |                   |
|             |                                                                                                                                                                                                       |                   |               |                |             |                 |                   |
|             |                                                                                                                                                                                                       |                   |               |                |             |                 |                   |
|             |                                                                                                                                                                                                       |                   |               |                |             |                 |                   |
|             |                                                                                                                                                                                                       |                   |               |                |             |                 |                   |
|             |                                                                                                                                                                                                       |                   |               |                |             |                 |                   |
|             |                                                                                                                                                                                                       |                   |               |                |             |                 |                   |

Date

Ocotillo ACI Federal #001 Remediation Plan



August 24, 2022

#### Appendix 5

Field Notes with Site Photography

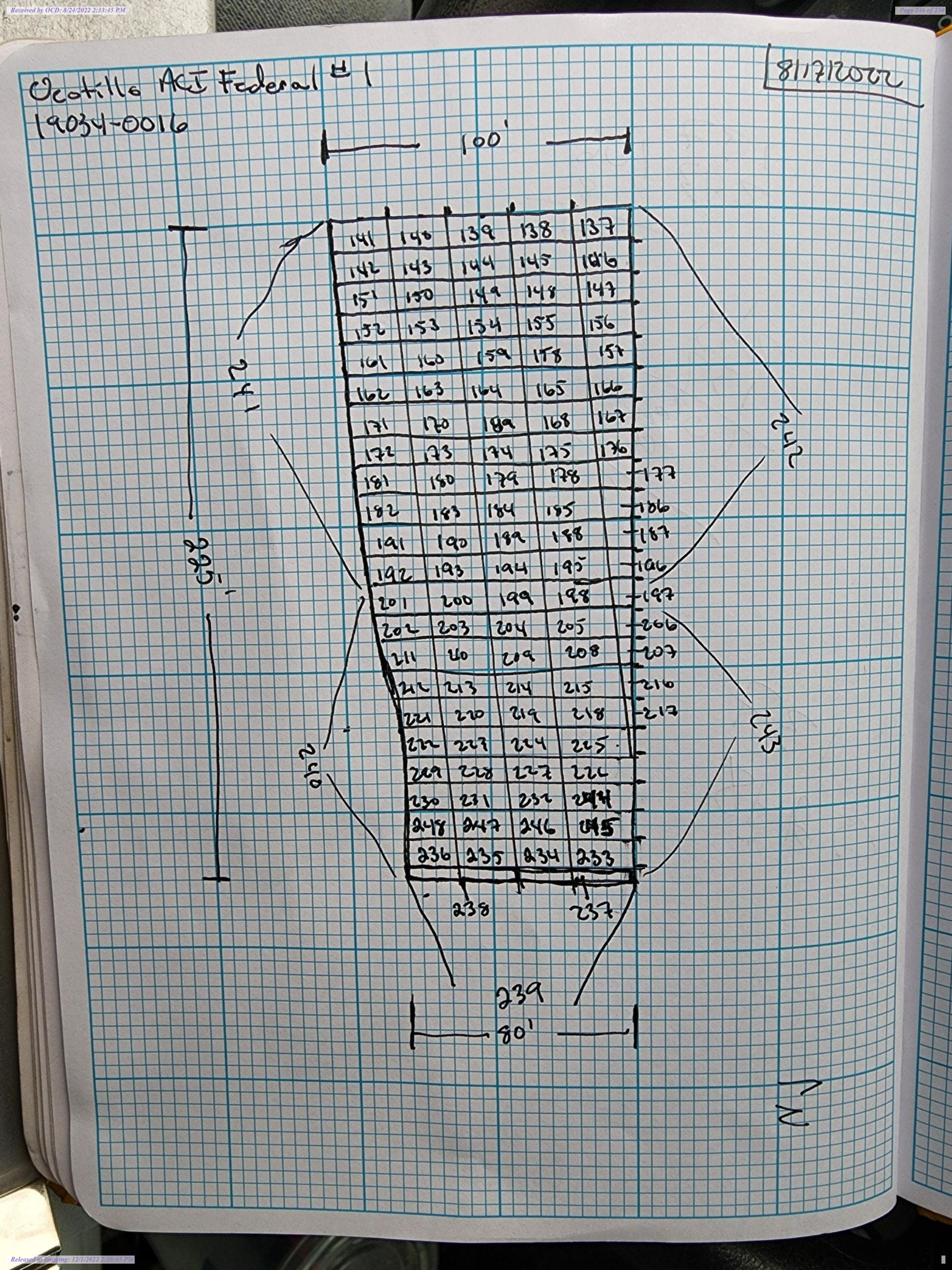
|                                                                                            | <u>E06</u>        |              | envirotech   |              |               | Envmtl. SpcIst: 2 Garcia Onsite: 7:45 Offsite: |                        |             |                  |                 |
|--------------------------------------------------------------------------------------------|-------------------|--------------|--------------|--------------|---------------|------------------------------------------------|------------------------|-------------|------------------|-----------------|
| CLIENT/JOB#: 19034-∞1  START DATE: 8/2/207                                                 |                   |              |              |              | 62-1879       |                                                | 32,59384<br>-104,56969 |             |                  |                 |
|                                                                                            |                   | . С          |              |              |               | 1                                              |                        |             |                  |                 |
| FINISH DATE:                                                                               | l of              | 1            |              |              | 1, NM 87      |                                                | LONG.                  | 10-1.36     | 10 1             |                 |
| Page #                                                                                     |                   |              |              |              |               |                                                |                        |             |                  |                 |
| LOCATION:                                                                                  | Name: Ocoti       | na ACT       | Federal      |              | Well #:       |                                                |                        | API:        | and the state of | MARKATAN SOLOTA |
|                                                                                            | County:           |              |              |              |               | NM                                             |                        | HWY-MM      |                  |                 |
| Cause of Release:                                                                          | Unknow            |              |              | Material R   | eleased:      | Unkn                                           | ەسىر                   | Amt. Relea  | sed: U           | known           |
| QUAD/UNIT:                                                                                 |                   |              | 10           |              |               | RNG:                                           | マリビ                    | PM:         |                  |                 |
| Spill Located Approxim                                                                     |                   |              |              |              |               |                                                |                        |             |                  |                 |
|                                                                                            |                   |              | •            |              |               | FT.                                            | Volume (c              | v/tons):    |                  |                 |
| Disposal Facility:                                                                         |                   | ,            |              |              |               |                                                | (-,                    | , , .       |                  |                 |
| Land Use:                                                                                  |                   |              |              |              |               |                                                | Land Own               | er:         |                  |                 |
| REGULATORY AGEN                                                                            | ICY:              | NMOC         | .D           |              |               | TPH CLO                                        | SURE STD               |             |                  |                 |
| ADDITIONAL CLOSU                                                                           |                   |              |              |              |               |                                                |                        |             |                  |                 |
|                                                                                            |                   |              |              | V            | /OC           | TPH                                            | (Method                | 418.1)      | С                | hloride         |
| SAMPLE NAME                                                                                | TIME<br>COLLECTED | DESC         | RIPTION      | TIME         | PID/OV<br>ppm | TIME                                           | READING                | CALC<br>ppm | TIME             | mg/kg           |
| CS-130                                                                                     | 8':33             | التاسلان     | 72thole      |              |               | 9:34                                           | 47                     | 188         | 7.73             | 122             |
| C5-131                                                                                     | 9:46              |              | Pothole      |              |               | 10:26                                          | 186                    | 744         | (0:23            | < 32            |
| C5-132                                                                                     | 10:57             | E.Wall       | Pothkle      |              |               | 11:33                                          | 170                    | 480         | 11,72            | <b>C3</b> 為     |
| (5-133                                                                                     | 17:05             | N. Pathol    | e runoff     |              |               | 15:44                                          | 51                     | 124         | 15:38            | <32             |
| C5-134                                                                                     | 12:09             | E. PotHol    | e lunoff     |              |               | 15:17                                          | 166                    | ७७५         | 15:39            | <b>432</b>      |
| C5 - 135                                                                                   | 12:14             |              | le Runoss    |              |               | 15:50                                          | 26                     | 104         | 1240             | <32             |
| C5-136                                                                                     | 16:16             | <del> </del> | mosfpath     |              |               | 17:28                                          | 34                     | 136         |                  | 43°C            |
|                                                                                            |                   |              |              |              |               |                                                |                        |             |                  |                 |
|                                                                                            |                   |              |              |              |               |                                                |                        |             |                  |                 |
|                                                                                            |                   | NO           | TES: Inntent | a labarata : | u analysis in | formation                                      |                        |             |                  |                 |
|                                                                                            | 706 140           |              | TES: Include |              | y analysis in | normation                                      |                        |             |                  |                 |
| CS-COMPOSITE SAMPLE GS-GRAB SAMPLE SB-SOIL BORING TP-TEST PIT DU- DECISION UNIT ST-STATION |                   |              | , c          | . 7          |               |                                                |                        |             |                  |                 |

Page 1 Of \_\_\_\_\_

Revised 6/14/2021

| SITE PERI      | METER: Draw a schen | natic of the spill site. A | ttach photos and oth | ner diagrams as needed.                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------|---------------------|----------------------------|----------------------|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                |                     |                            |                      | 1 1 1 1 S. P. S. P. S. P. S. P. S. P. S. S. S. S. S. S. S. S. S. S. S. S. S. | Do you will be to the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of the total of |
|                |                     | EXCAVATION OVE             | RVIEW:               |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                |                     |                            |                      |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                | 3 B                 |                            |                      |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                |                     |                            |                      |                                                                              | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Sample Name:   | = E.                | XCAVATION PROFIL           |                      |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| cample Marile. |                     | Sar                        | nple Name:           |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Sample Name:   |                     | Sar                        | nple Name:           | 2.3/1                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

Page 2 Of \_\_\_\_\_



Site Photography
EOG Resources
Site Delineation and Remediation Excavation
Ocotillo ACI Federal #001; API 30-015-26338
Unit A, Section 10, Township 20S, Range 24E
Eddy County, New Mexico
Incident #nAPP2214650299



Picture 1: Initial Staining



Picture 2: Initial Delineation and Remediation Excavation

Site Photography
EOG Resources
Site Delineation and Remediation Excavation
Ocotillo ACI Federal #001; API 30-015-26338
Unit A, Section 10, Township 20S, Range 24E
Eddy County, New Mexico
Incident #nAPP2214650299



Picture 3: East Berm and Site Characterization Test Holes



Picture 4: Confirmation Sampling Grid Points

Page 1249e of 250

| 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: Fach 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8/24/22<br>Date:                                          |  |  |  |  |  |
| email: jeremy_haass@eogresources.com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Telephone:                                                |  |  |  |  |  |
| OCD Only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                           |  |  |  |  |  |
| Received by: Jocelyn Harimon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Date: 08/24/2022                                          |  |  |  |  |  |
| ☐ Approved                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Approval                                                  |  |  |  |  |  |
| Signature: Robert Hamlet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Date: 12/1/2022                                           |  |  |  |  |  |

District III

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

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<br>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         |