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

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

Incident ID	nAPP2214650299
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

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

Location of Release Source

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

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

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

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

Nature and Volume of Release

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

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

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

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 responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

☑ The source of the release has been stopped.
☑ The impacted area has been secured to protect human health and the environment.
☑ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☑ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

Printed Name: Jeremy Haass Title: Sr. Safety & Environmental Specialist

Signature: Jy Haass Date: 5/26/22

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

OCD Only

Received by: Jocelyn Harimon Date: 05/26/2022

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	NA (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ 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 ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ 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 ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☒ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

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

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

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ 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.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

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: Sr, Safety & Environmental Specialist

Signature: Jy Haass Date: 08/24/22

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

OCD Only

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

State of New Mexico
Oil Conservation Division

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.***

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

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

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

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

Printed Name: Jeremy Haass Title: Sr. Safety & Environmental Specialist

Signature: Jeremy Haass Date: 8/24/22

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

OCD Only

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

- [ ] Approved
- [ ] Approved with Attached Conditions of Approval
- [ ] Denied
- [ ] Deferral Approved

Signature: _____ Date: _____

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

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

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

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

CONDITIONS

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

CONDITIONS

Created By	Condition	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

Table of Contents

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**.

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.

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 in-situ 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 1*9.15.29.12 NMAC* and *19.15.29.13 NMAC*.

Site Stabilization and Restoration

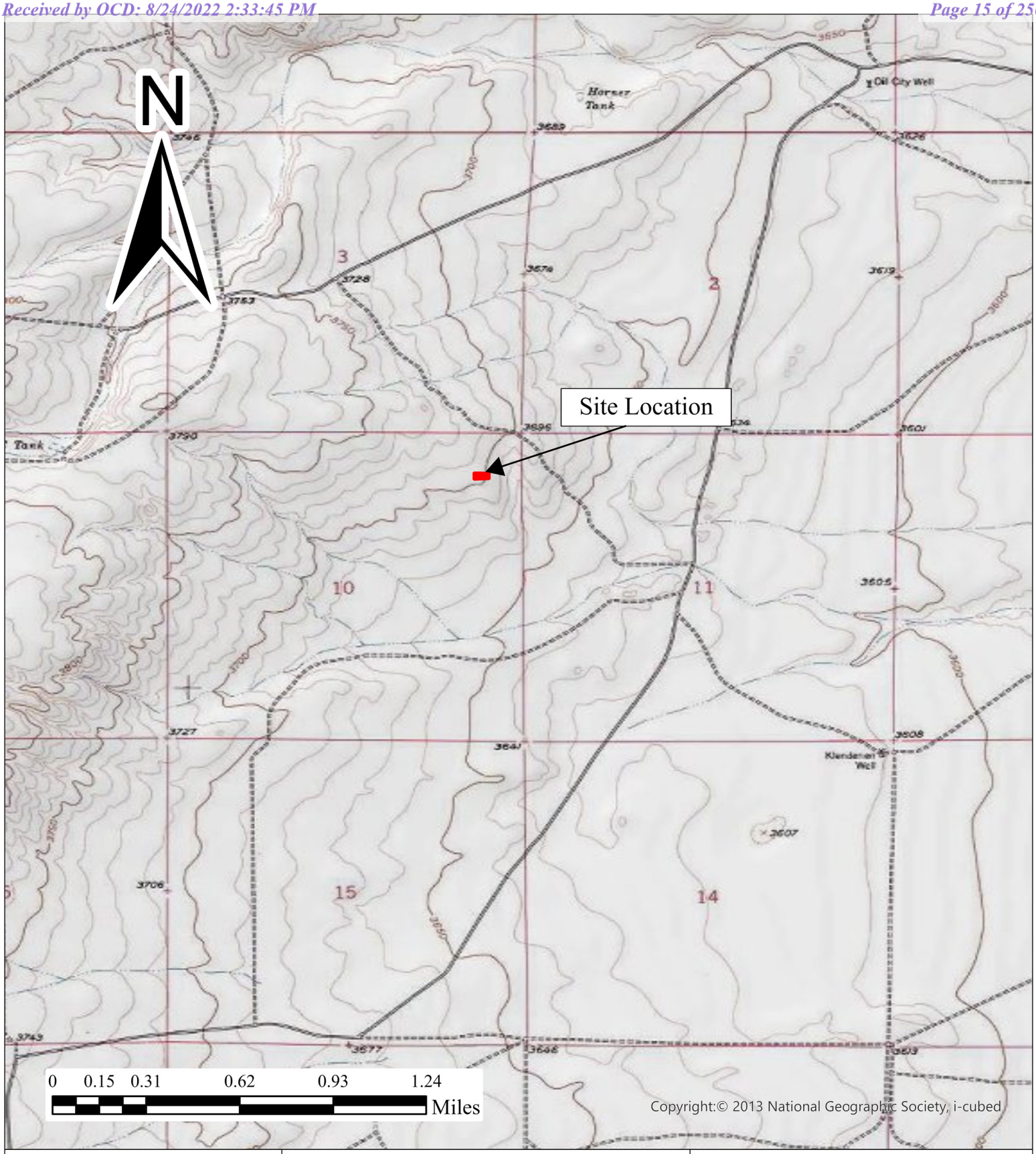
Once laboratory analytical results indicate concentrations of TPH, benzene, total BTEX, and chloride are below *Table 1* criteria, the site will be backfilled with non-impacted soil up to one (1) foot bgs.

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*.

Appendix 1

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



Legend

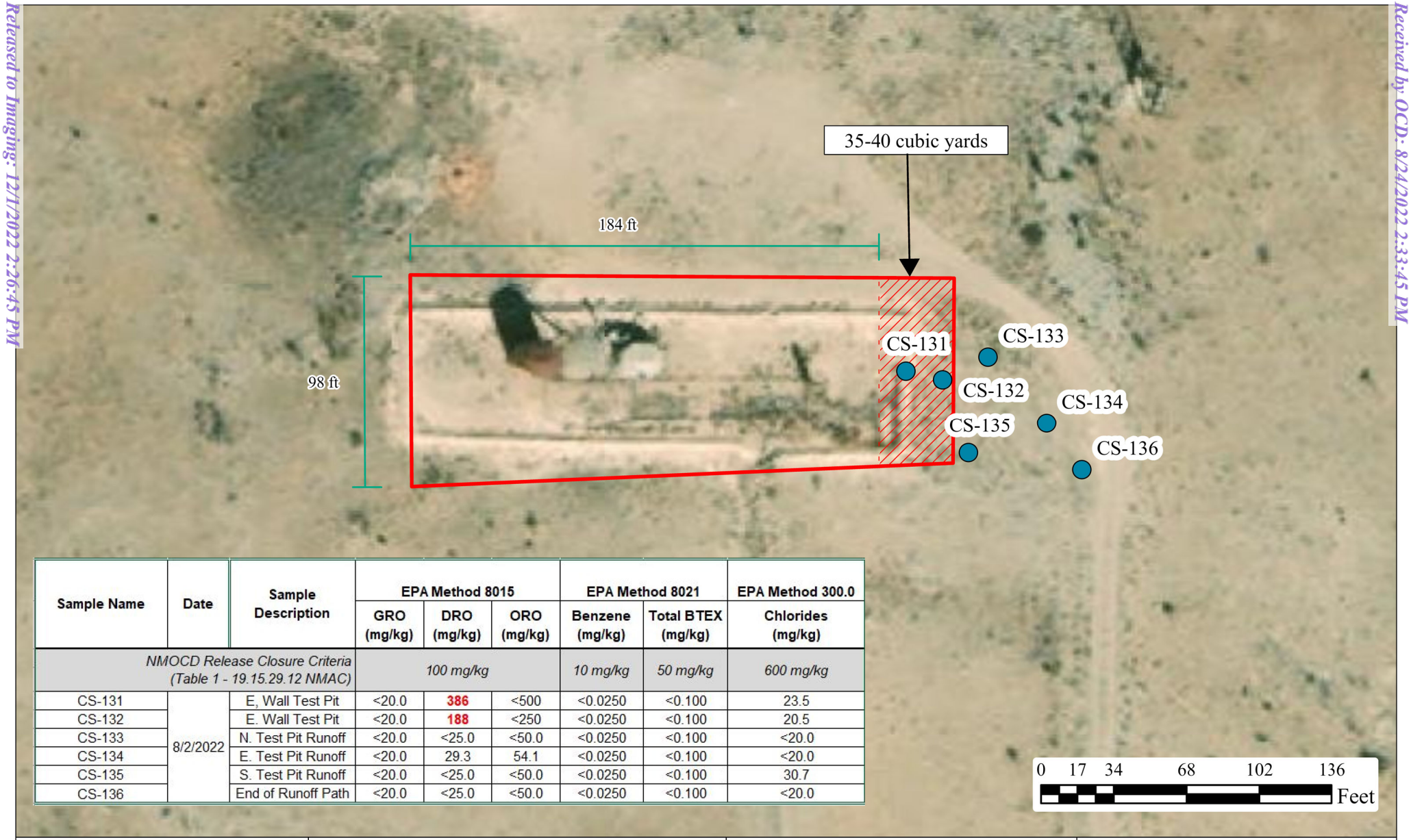
Site Location

Figure 1, Vicinity Map

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

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

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



Sample Name	Date	Sample Description	EPA Method 8015			EPA Method 8021		EPA Method 300.0
			GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
NMOCD Release Closure Criteria (Table 1 - 19.15.29.12 NMAC)			*100 mg/kg*			*10 mg/kg*	*50 mg/kg*	*600 mg/kg*
CS-131	8/2/2022	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		N. Test Pit Runoff	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
CS-134		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

Legend

- Excavation Perimeter
- Additional PCS Excavation
- Site Characterization

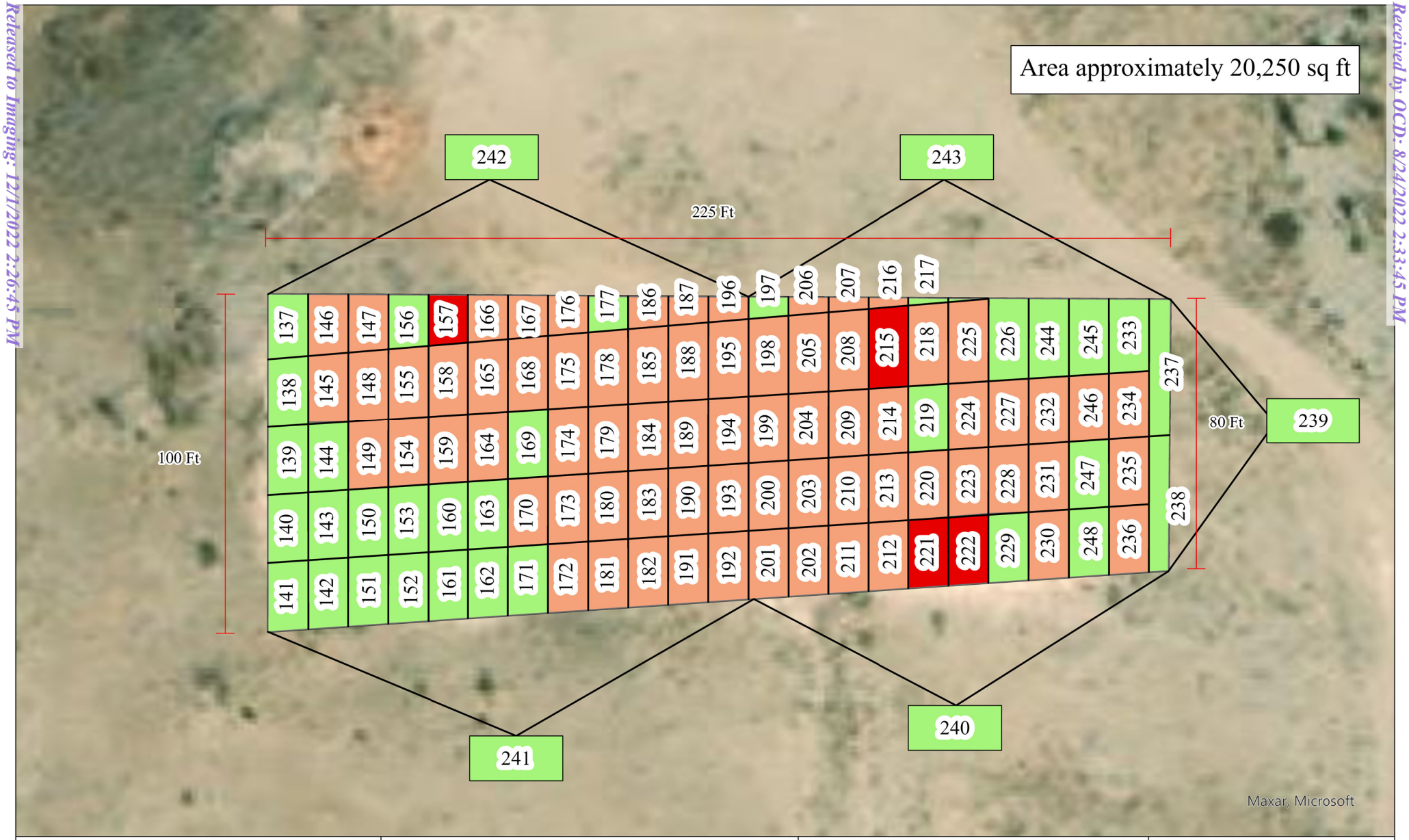
Figure 2, Site Characterization

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

envirotech
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

N



Legend

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

Figure 3, Confirmation Sampling Map August 2022

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

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

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

N

Appendix 2

Siting Criteria Documentation

Site Name:	**Ocotilla ACI Federal #001**			
API #:	30-015-26338			
Lat/Long:	32.59384, -104.56969			
TRS:	Unit A Sec 10 T20S R24E			
Land Jurisdiction:	BLM			
County:	Eddy			
Wellhead Protection Area Assessment				
Water Source Type (well/spring/stock pond)	**ID**	**Latitude**	**Longitude**	**Distance**
Distance to Nearest Significant Watercourse				
Over 2,000 ft to watercourse - tributary of Middle Seven Rivers				
Depth to Groundwater Determination				
Cathodic Report/Site Specific Hydrogeology				
Elevation Differential	Site is 52 ft lower elevation than water well.			
Water Wells	RA-03084 1.06 mi northwest of site; DTW = 268 ft			
Sensitive Receptor Determination				
<300' of any continuously flowing watercourse or any other significant watercourse				No
<200' of any lakebed, sinkhole or playa lake (measured from the Ordinary High Water				No
<300' of an occupied permanent residence, school, hospital, institution or church				No
<500' of a spring or private/domestic water well used by <5 households for domestic or stock watering purposes				No
<1000' of any water well or spring				No
Within incorporated municipal boundaries or within a defined municipal fresh water well				No
<300' of a wetland				No
Within the area overlying a subsurface mine				No
Within an unstable area - high karst occurrence				Yes
Within a 100-year floodplain				No
DTW Determination	**≤50** ☑	**50-100** ☐	**>100** ☐	
Benzene	**10**	**10**	**10**	
BTEX (mg/kg)	**50**	**50**	**50**	
8015 TPH (GRO/DRO) (mg/kg)	**Not Applicable**	**1,000**	**1,000**	
8015 TPH (GRO/DRO/MRO) (mg/kg)	**100**	**2,500**	**2,500**	
Chlorides (mg/kg)	**600**	**10,000**	**20,000**	

NM OCD OIL AND GAS MAP

New Mexico Oil Conservation Division

NM OCD Oil and Gas Map User Guide

32.59384, -104.56969

Show search results for 32.593...

Layer List

- NM Oil and Gas Wells
- OSE Point of Diversions (POD)
- USGS Groundwater wells
- Induced Seismicity Area
- Permian Basin Karst Areas
- Critical Karst Resource Area
- Karst Occurrence Potential
  - High
  - Medium
  - Low
- BLM Oil and Gas / Fluid Minerals
- NM SLO Oil and Gas Leases
- NM SLO Participating Area and Unit Agreement Boundaries
- Political Boundaries and Transportation
- Mineral and Surface Ownership
- Hydrology
- Public Land Survey System (PLSS)

Measurement

Feet

Measurement Result

2,195.6 Feet

Clear

Press CTRL to enable snapping

Dagger Draw

Sawbuck Rd

Rock Daisy Rd

Horner Tank

Middle Seven Rivers

30-015-26671
30-015-44558
30-015-44563
30-015-26226
30-015-26419
30-015-45741
30-015-26259
30-015-26913
30-015-10477
30-015-26454
30-015-26914
30-015-26299
30-015-26115
30-015-26912
30-015-26303
30-015-26693
30-015-27757
30-015-27758
30-015-05912
30-015-26047
30-015-26669
30-015-26250
30-015-21705
30-015-10603
30-015-26961
30-015-26879
30-015-26342
30-015-26873
30-015-26915
30-015-26338
30-015-26133
30-015-27014
30-015-26545
30-015-26335
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30-015-27067
30-015-26713
30-015-26206

3693 ft
3654 ft
3641 ft
3586 ft

0.4km
0.3mi

-104.58788 32.59385 Degrees

NASA, NGA, USGS, FEMA | Esri Community Maps Contributors, New Mexico State University, Tex...

Measurement

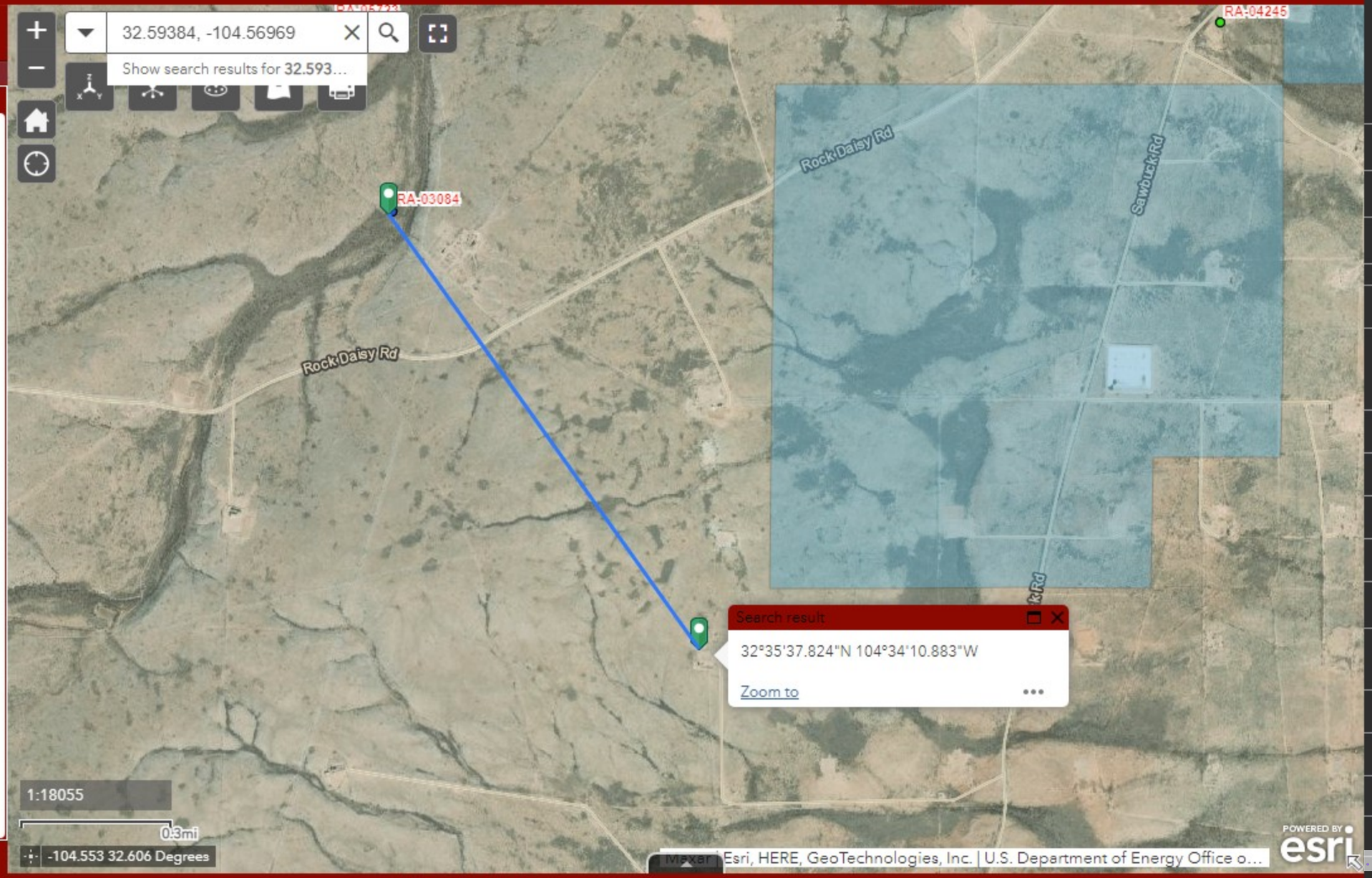
Miles

Measurement Result

1.06 Miles

Clear

Press CTRL to enable snapping



NOTES TO USERS

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

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

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

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

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

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

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

NGS Information Services
NOAA, 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.

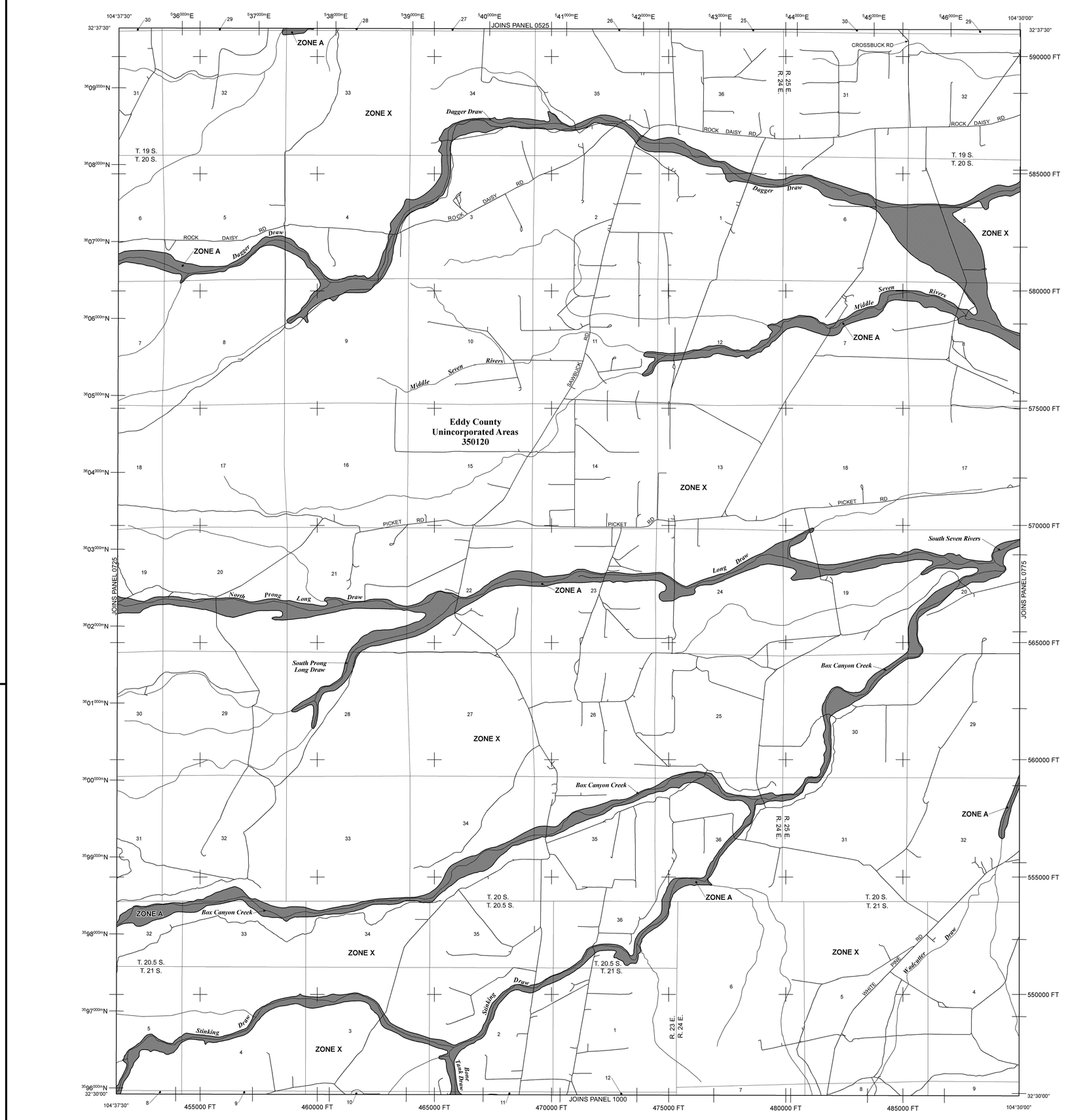
This map reflects more detailed and up-to-date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result,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

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

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



LEGEND

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

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

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

FLOODWAY AREAS IN ZONE AE

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

OTHER FLOOD AREAS

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

OTHER AREAS

ZONE X	Areas determined to be outside the 0.2% annual chance floodplain.
ZONE D	Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

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

	Floodplain boundary
	Floodway boundary
	Zone D boundary
	CBRS and OPA boundary
	Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths, or flood velocities
513 (EL 987)	Base Flood Elevation line and value; elevation in feet* / Base Flood Elevation value where uniform within zone; elevation in feet*
A — A	Cross section line
23 — 23	Transect line
97°07'30", 32°22'30"	Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere
4275000mE	1000-meter Universal Transverse Mercator grid ticks, zone 13
6000000 FT	5000-foot grid values: New Mexico State Plane coordinate system, East Zone (FIPSZONE = 3001), Lambert projection
DX5510	Bench mark (see explanation in Notes to Users section of this FIRM panel)
M1.5	River Mile

* Referenced to the North American Vertical Datum of 1988

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'

1,000 0 1,000 2,000 3,000 4,000 FEET
600 0 600 1,200 METERS

NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0750D

FIRM

FLOOD INSURANCE RATE MAP

EDDY COUNTY, NEW MEXICO AND INCORPORATED AREAS

PANEL 750 OF 2000

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
EDDY COUNTY, UNINCORPORATED AREAS	350120	0750	D

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

MAP NUMBER
35015C0750D
EFFECTIVE DATE
JUNE 4, 2010

Federal Emergency Management Agency

Soil Map—Eddy Area, New Mexico

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 17, Sep 12, 2021

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

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

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

Map Unit Legend

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

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

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

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

Sample Name	Date	Sample Description	EPA Method 8015			EPA Method 8021		EPA Method 300.0
			GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
NMOCD Reclamation Criteria (Table 1 - 19.15.29.13 NMAC)			*100 mg/kg*			*10 mg/kg*	*50 mg/kg*	*600 mg/kg*
CS-131	8/2/2022	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		N. Test Pit Runoff	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
CS-134		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

Sample Name	Date	Sample Description	EPA Method 8015			EPA Method 8021		EPA Method 300.0
			GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
NMOCD Release Closure Criteria (Table 1 - 19.15.29.12 NMAC)			*100 mg/kg*			*10 mg/kg*	*50 mg/kg*	*600 mg/kg*
CS-137	8/16/2022	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		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		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		Base	<20.0	**75.3**	**84.6**	<0.0250	<0.100	20.3
CS-147		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**	**98.9**	<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		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		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		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		Base	<20.0	**158**	**178**	<0.0250	<0.100	20.3
CS-169		Base	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
CS-170		Base	<20.0	**50.5**	**99.5**	<0.0250	<0.100	<20.0
CS-171		Base	<20.0	<25.0	<50.0	<0.0250	<0.100	78.4
CS-172		Base	<20.0	**52.1**	**68.5**	<0.0250	<0.100	114
CS-173		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		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		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		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		Base	<20.0	**465**	**799**	<0.0250	<0.100	112
CS-189		Base	<20.0	**372**	**694**	<0.0250	<0.100	<20.0
CS-190		Base	<20.0	**114**	**145**	<0.0250	<0.100	<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		Base	<20.0	**93.4**	**114**	<0.0250	<0.100	<20.0
CS-194		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		Base	<20.0	**39.0**	**64.3**	<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		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		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		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		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		Base	<20.0	40.3	58.0	<0.0250	<0.100	86.1
CS-220		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		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		Base	<20.0	**80.1**	**116**	<0.0250	<0.100	205
CS-226		Base	<20.0	<25.0	<50.0	<0.0250	<0.100	224
CS-227		Base	<20.0	**49.7**	**87.9**	<0.0250	<0.100	104
CS-228		Base	<20.0	**120**	**177**	<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		Base	<20.0	**85.1**	**116.0**	<0.0250	<0.100	<20.0
CS-233		Base	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
CS-234		Base	<20.0	**44.4**	**59.3**	<0.0250	<0.100	<20.0
CS-235		Base	<20.0	**174.0**	**245**	<0.0250	<0.100	<20.0
CS-236		Base	<20.0	**40.3**	**66.6**	<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		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		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		Base	<20.0	**45.2**	**69.4**	<0.0250	<0.100	<20.0
CS-247		Base	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
CS-248		Base	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0

BOLD - above closure criteria
Base is approximately 0.67 ft bgs

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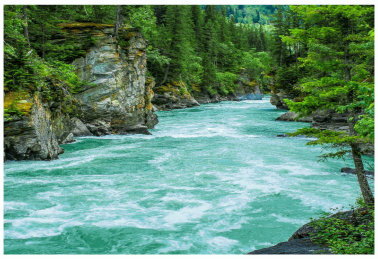
Appendix 4

Laboratory Analytical Reports

Report to:

Greg Crabtree



5796 U.S. Hwy 64
Farmington, NM 87401

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

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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

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Technical Representative
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Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

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

Client Sample ID	Lab Sample ID	Matrix	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.

Sample Data

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

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	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		*91.0 %*	*70-130*	*08/09/22*	*08/11/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: 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	Analyst: KL			Batch: 2233053
Chloride	**23.5**	20.0	1	08/10/22	08/10/22	

Sample Data

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

E208055-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: KL			Batch: 2233053
Chloride	**20.5**	20.0	1	08/10/22	08/10/22	

Sample Data

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

E208055-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*97.7 %*	*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		*92.5 %*	*70-130*	*08/09/22*	*08/11/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: 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	Analyst: KL			Batch: 2233053
Chloride	ND	20.0	1	08/10/22	08/10/22	

Sample Data

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

E208055-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: KL			Batch: 2233053
Chloride	ND	20.0	1	08/10/22	08/10/22	

Sample Data

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

E208055-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	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	Analyst: 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	Analyst: KL			Batch: 2233053
Chloride	**30.7**	20.0	1	08/10/22	08/10/22	

Sample Data

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

E208055-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	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		*93.1 %*	*70-130*	*08/09/22*	*08/11/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: 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	Analyst: KL			Batch: 2233053
Chloride	ND	20.0	1	08/10/22	08/10/22	

QC Summary Data

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

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2233037-BLK1)									Prepared: 08/09/22 Analyzed: 08/10/22
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	*7.71*		*8.00*		*96.4*	*70-130*			
LCS (2233037-BS1)									Prepared: 08/09/22 Analyzed: 08/10/22
Benzene	4.82	0.0250	5.00		96.5	70-130			
Ethylbenzene	4.68	0.0250	5.00		93.7	70-130			
Toluene	4.85	0.0250	5.00		97.0	70-130			
o-Xylene	4.78	0.0250	5.00		95.6	70-130			
p,m-Xylene	9.49	0.0500	10.0		94.9	70-130			
Total Xylenes	14.3	0.0250	15.0		95.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.01*		*8.00*		*100*	*70-130*			
Matrix Spike (2233037-MS1)				**Source: E208055-04**					Prepared: 08/09/22 Analyzed: 08/10/22
Benzene	5.36	0.0250	5.00	ND	107	54-133			
Ethylbenzene	5.22	0.0250	5.00	ND	104	61-133			
Toluene	5.40	0.0250	5.00	ND	108	61-130			
o-Xylene	5.32	0.0250	5.00	ND	106	63-131			
p,m-Xylene	10.6	0.0500	10.0	ND	106	63-131			
Total Xylenes	15.9	0.0250	15.0	ND	106	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.81*		*8.00*		*97.7*	*70-130*			
Matrix Spike Dup (2233037-MSD1)				**Source: E208055-04**					Prepared: 08/09/22 Analyzed: 08/10/22
Benzene	5.26	0.0250	5.00	ND	105	54-133	1.85	20	
Ethylbenzene	5.12	0.0250	5.00	ND	102	61-133	2.04	20	
Toluene	5.30	0.0250	5.00	ND	106	61-130	1.89	20	
o-Xylene	5.20	0.0250	5.00	ND	104	63-131	2.29	20	
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131	2.12	20	
Total Xylenes	15.5	0.0250	15.0	ND	104	63-131	2.18	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.80*		*8.00*		*97.5*	*70-130*			

QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2233037-BLK1)									Prepared: 08/09/22 Analyzed: 08/10/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.55*		*8.00*		*94.4*	*70-130*			
LCS (2233037-BS2)									Prepared: 08/09/22 Analyzed: 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: 08/09/22 Analyzed: 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: 08/09/22 Analyzed: 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*			

QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2233036-BLK1)									Prepared: 08/09/22 Analyzed: 08/09/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*53.9*		*50.0*		*108*	*50-200*			
LCS (2233036-BS1)									Prepared: 08/09/22 Analyzed: 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: E208057-23**					Prepared: 08/09/22 Analyzed: 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: E208057-23**					Prepared: 08/09/22 Analyzed: 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*			

QC Summary Data

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

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2233053-BLK1)									Prepared: 08/10/22 Analyzed: 08/10/22
Chloride	ND	20.0							
LCS (2233053-BS1)									Prepared: 08/10/22 Analyzed: 08/10/22
Chloride	264	20.0	250		105	90-110			
Matrix Spike (2233053-MS1)				**Source: E208055-01**					Prepared: 08/10/22 Analyzed: 08/10/22
Chloride	288	20.0	250	23.5	106	80-120			
Matrix Spike Dup (2233053-MSD1)				**Source: E208055-01**					Prepared: 08/10/22 Analyzed: 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 Information | Chain of Custody | Page 1 of 1

Client:	EOG
Project:	Ocotilla ACI Federl #1
Project Manager:	Greg Crabtree
Address:	
City, State, Zip	
Phone:	
Email:	I. Garcia B. Hall G. Crabtree T. Knight
Report due by:	

Bill To

Attention:	
Address:	
City, State, Zip	
Phone:	
Email:	

Lab Use Only

Lab WO# E208055 | Job Number 19034-0016

TAT

1D	2D	3D	Standard
			x

EPA Program

CWA	SDWA	RCRA
		x

State

NM	CO	UT	AZ	TX	
x					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Semi-Volitiles 8270	RCI	PCB's				Remarks
9:46	8/2/2022	S	1	CS-131	1	x	x	x			x							
10:57	8/2/2022	S	1	CS-132	2	x	x	x			x							
12:05	8/2/2022	S	1	CS-133	3	x	x	x			x							
12:09	8/2/2022	S	1	CS-134	4	x	x	x			x							
12:14	8/2/2022	S	1	CS-135	5	x	x	x			x							
16:16	8/2/2022	S	1	CS-136	6	x	x	x			x							

x

x

date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Isaac Garcia

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8/15/2022	14:54		8/15/22	14:54
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only

Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

Envirotech Analytical Laboratory

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

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)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	Yes

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

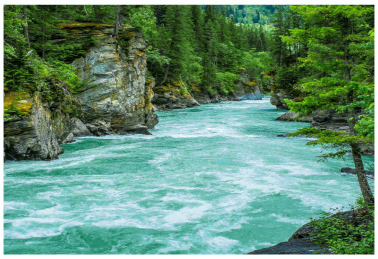
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Greg Crabtree



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:	Ocotillo ACI Federal #1
Work Order:	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
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Alexa Michaels
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Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

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ljarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

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Sample Summary

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

Sample Data

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

CS-137

E208084-01

Analyte	Result	Reporting Limit	Dilution	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	
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 - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234035
Diesel Range Organics (C10-C28)	**32.5**	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		*88.9 %*	*50-200*	*08/17/22*	*08/17/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234044
Chloride	**47.6**	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-138

E208084-02

Analyte	Result	Reporting Limit	Dilution	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		*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	Analyst: IY			Batch: 2234040
Gasoline Range Organics (C6-C10)	ND	20.0	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 - DRO/ORO	mg/kg	mg/kg	Analyst: JL			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	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: RAS			Batch: 2234044
Chloride	**27.4**	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-139

E208084-03

Analyte	Result	Reporting Limit	Dilution	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		*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	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	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
Chloride	**140**	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-140

E208084-04

Analyte	Result	Reporting Limit	Dilution	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: JL			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	

Sample Data

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

CS-141

E208084-05

Analyte	Result	Reporting Limit	Dilution	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		*98.9 %*	*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	Analyst: 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	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	Analyst: RAS			Batch: 2234044
Chloride	ND	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-142

E208084-06

Analyte	Result	Reporting Limit	Dilution	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		*105 %*	*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		*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	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: RAS			Batch: 2234044
Chloride	ND	20.0	1	08/17/22	08/17/22	

Sample Data

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

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E208084-07

Analyte	Result	Reporting Limit	Dilution	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		*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	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	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	Analyst: RAS			Batch: 2234044
Chloride	**46.2**	20.0	1	08/17/22	08/17/22	

Sample Data

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

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E208084-08

Analyte	Result	Reporting Limit	Dilution	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		*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	Analyst: IY			Batch: 2234040
Gasoline Range Organics (C6-C10)	ND	20.0	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	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	Analyst: RAS			Batch: 2234044
Chloride	**133**	20.0	1	08/17/22	08/17/22	

Sample Data

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

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E208084-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: 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		*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			Batch: 2234040
Gasoline Range Organics (C6-C10)	ND	40.0	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	08/17/22	08/17/22	
Oil Range Organics (C28-C36)	**188**	100	2	08/17/22	08/17/22	
Surrogate: n-Nonane		*79.1 %*	*50-200*	*08/17/22*	*08/17/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234044
Chloride	**26.2**	20.0	1	08/17/22	08/17/22	

Sample Data

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

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E208084-10

Analyte	Result	Reporting Limit	Dilution	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		*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	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	08/17/22	08/17/22	
Oil Range Organics (C28-C36)	**84.6**	50.0	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
Chloride	**20.3**	20.0	1	08/17/22	08/17/22	

Sample Data

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

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E208084-11

Analyte	Result	Reporting Limit	Dilution	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		*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	Analyst: IY			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	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	Analyst: RAS			Batch: 2234044
Chloride	**26.5**	20.0	1	08/17/22	08/17/22	

Sample Data

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

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E208084-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: 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		*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: IY			Batch: 2234040
Gasoline Range Organics (C6-C10)	ND	40.0	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	Analyst: JL			Batch: 2234035
Diesel Range Organics (C10-C28)	**248**	50.0	2	08/17/22	08/17/22	
Oil Range Organics (C28-C36)	**257**	100	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: RAS			Batch: 2234044
Chloride	**27.2**	20.0	1	08/17/22	08/17/22	

Sample Data

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

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E208084-13

Analyte	Result	Reporting Limit	Dilution	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		*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	mg/kg	Analyst: IY			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		*99.4 %*	*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: JL			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
Chloride	**43.3**	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-150

E208084-14

Analyte	Result	Reporting Limit	Dilution	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		*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: JL			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
Chloride	**48.6**	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-151

E208084-15

Analyte	Result	Reporting Limit	Dilution	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
Chloride	**317**	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-152

E208084-16

Analyte	Result	Reporting Limit	Dilution	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		*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	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	08/17/22	08/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/17/22	08/17/22	
Surrogate: n-Nonane		*84.6 %*	*50-200*	*08/17/22*	*08/17/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234044
Chloride	**108**	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-153

E208084-17

Analyte	Result	Reporting Limit	Dilution	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		*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	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		*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: JL			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	Analyst: RAS			Batch: 2234044
Chloride	**68.0**	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-154

E208084-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234044
Chloride	ND	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-155

E208084-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: 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		*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	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	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	

Sample Data

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

CS-156

E208084-20

Analyte	Result	Reporting Limit	Dilution	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		*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	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	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	Analyst: RAS			Batch: 2234044
Chloride	**91.3**	20.0	1	08/17/22	08/17/22	

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 1:54:08PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234040-BLK1)									Prepared: 08/16/22 Analyzed: 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: 08/16/22 Analyzed: 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: 08/16/22 Analyzed: 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*			
Surrogate: Toluene-d8	*0.505*		*0.500*		*101*	*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	8/18/2022 1:54:08PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234040-BLK1)									Prepared: 08/16/22 Analyzed: 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: 08/16/22 Analyzed: 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: 08/16/22 Analyzed: 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*			

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 1:54:08PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234035-BLK1)									Prepared: 08/16/22 Analyzed: 08/16/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*49.4*		*50.0*		*98.8*	*50-200*			
LCS (2234035-BS1)									Prepared: 08/16/22 Analyzed: 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: 08/16/22 Analyzed: 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*			

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 1:54:08PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234044-BLK1)									Prepared: 08/17/22 Analyzed: 08/17/22
Chloride	ND	20.0							
LCS (2234044-BS1)									Prepared: 08/17/22 Analyzed: 08/17/22
Chloride	248	20.0	250		99.3	90-110			
LCS Dup (2234044-BSD1)									Prepared: 08/17/22 Analyzed: 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

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 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 Custody | Page 1 of 6

Client: EOG	Bill To
Project: Ocotillo ACI Federal #1	Attention:
Project Manager: Greg Crabtree	Address:
Address:	City, State, Zip
City, State, Zip	Phone:
Phone:	Email:
Email: Enviro	
Report due by:	

Lab Use Only: Lab WO# E208084 | Job Number 19034-0016

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA X

State: NM X | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks
9:09	8/16/2022	S	1	CS-137	1	X	X	X			X	
9:14	8/16/2022	S	1	CS-138	2							
9:20	8/16/2022	S	1	CS-139	3							
9:25	8/16/2022	S	1	CS-140	4							
9:30	8/16/2022	S	1	CS-141	5							
9:35	8/16/2022	S	1	CS-142	6							
9:40	8/16/2022	S	1	CS-143	7							
9:44	8/16/2022	S	1	CS-144	8							
9:50	8/16/2022	S	1	CS-145	9							
9:53	8/16/2022	S	1	CS-146	10							

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: E Garcia

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8/16/2022	13:53		8.16.22	1353
	8.16.22	1550		8/17/22	9:45

Lab Use Only
Received on ice: Y / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

envirotech

Information | Chain of Custody | Page 2 of 6

EOG
: Ocotillo ACI Federal #1
Manager: Greg Crabtree
s:
ate, Zip
Enviro
due by:

Bill To
Attention:
Address:
City, State, Zip
Phone:
Email:

Lab Use Only
Lab WO# E208084 | Job Number 19034-0016

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA X

State: NM X | CO | UT | AZ | TX

ed	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks
9:58	8/16/2022	S	1	CS-147	11	X	X	X			X	
10:02	8/16/2022	S	1	CS-148	12							
10:06	8/16/2022	S	1	CS-149	13							
10:09	8/16/2022	S	1	CS-150	14							
10:12	8/16/2022	S	1	CS-151	15							
10:15	8/16/2022	S	1	CS-152	16							
10:18	8/16/2022	S	1	CS-153	17							
10:22	8/16/2022	S	1	CS-154	18							
10:24	8/16/2022	S	1	CS-155	19							
10:27	8/16/2022	S	1	CS-156	20							

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. Sampled by: T. Garcia

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

ished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8/16/2022	13:54		8.16.22	1354
ished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8.16.22	1550		8/17/22	9:45
ished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: Y / N
T1 T2 T3
AVG Temp °C 4

Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

amples 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 s 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

Envirotech Analytical Laboratory

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

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 09:45	Work Order ID:	E208084
Phone:	(575) 748-4217	Date Logged In:	08/16/22 15:48	Logged In By:	Caitlin Christian
Email:		Due Date:	08/17/22 17:00 (0 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project has been seperated into 3 reports due to amount of samples. Workorders are as follows:
E208084 COC pg 1&2 of 6, E208085 COC pg 3&4 of 6, E208086 COC pg 5&6 of 6.

Client Instruction

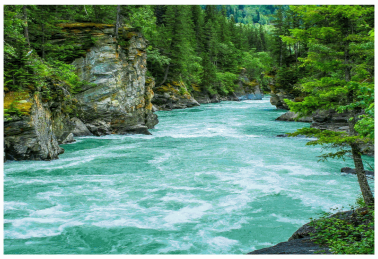
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Greg Crabtree



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:	Ocotillo ACI Federal #1
Work Order:	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
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labadmin@envirotech-inc.com

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Cell: 505-320-4759
ljarboe@envirotech-inc.com

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Rayny Hagan
Technical Representative
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Envirotech Web Address: www.envirotech-inc.com

Table of Contents

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Sample Summary

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

Sample Data

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

CS-157

E208085-01

Analyte	Result	Reporting Limit	Dilution	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		*94.3 %*	*70-130*	*08/16/22*	*08/17/22*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*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	Analyst: IY			Batch: 2234041
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/16/22	08/17/22	
Surrogate: Bromofluorobenzene		*94.3 %*	*70-130*	*08/16/22*	*08/17/22*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*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)	**106**	25.0	1	08/17/22	08/17/22	
Oil Range Organics (C28-C36)	**139**	50.0	1	08/17/22	08/17/22	
Surrogate: n-Nonane		*96.3 %*	*50-200*	*08/17/22*	*08/17/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234045
Chloride	**908**	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-158

E208085-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234041
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: 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	Analyst: IY			Batch: 2234041
Gasoline Range Organics (C6-C10)	ND	40.0	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	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	Analyst: RAS			Batch: 2234045
Chloride	**32.9**	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-159

E208085-03

Analyte	Result	Reporting Limit	Dilution	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		*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	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: JL			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
Chloride	ND	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-160

E208085-04

Analyte	Result	Reporting Limit	Dilution	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		*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	Analyst: IY			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	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	Analyst: RAS			Batch: 2234045
Chloride	**29.1**	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-161

E208085-05

Analyte	Result	Reporting Limit	Dilution	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	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
Chloride	**67.9**	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-162

E208085-06

Analyte	Result	Reporting Limit	Dilution	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	

Sample Data

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

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E208085-07

Analyte	Result	Reporting Limit	Dilution	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		*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	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	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	Analyst: RAS			Batch: 2234045
Chloride	**22.5**	20.0	1	08/17/22	08/17/22	

Sample Data

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

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E208085-08

Analyte	Result	Reporting Limit	Dilution	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		*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: 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: RAS			Batch: 2234045
Chloride	ND	20.0	1	08/17/22	08/17/22	

Sample Data

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

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E208085-09

Analyte	Result	Reporting Limit	Dilution	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		*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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234045
Chloride	**36.0**	20.0	1	08/17/22	08/17/22	

Sample Data

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

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E208085-10

Analyte	Result	Reporting Limit	Dilution	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		*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	

Sample Data

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

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E208085-11

Analyte	Result	Reporting Limit	Dilution	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	

Sample Data

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

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E208085-12

Analyte	Result	Reporting Limit	Dilution	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		*96.1 %*	*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	Analyst: IY			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	Analyst: JL			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	Analyst: RAS			Batch: 2234045
Chloride	**20.3**	20.0	1	08/17/22	08/17/22	

Sample Data

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

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E208085-13

Analyte	Result	Reporting Limit	Dilution	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: 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		*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	

Sample Data

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

CS-170

E208085-14

Analyte	Result	Reporting Limit	Dilution	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		*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: 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		*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: JL			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: RAS			Batch: 2234045
Chloride	ND	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-171

E208085-15

Analyte	Result	Reporting Limit	Dilution	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		*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	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	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	Analyst: RAS			Batch: 2234045
Chloride	**78.4**	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-172

E208085-16

Analyte	Result	Reporting Limit	Dilution	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		*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	Analyst: IY			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: JL			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: RAS			Batch: 2234045
Chloride	**114**	20.0	1	08/17/22	08/17/22	

Sample Data

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

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E208085-17

Analyte	Result	Reporting Limit	Dilution	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		*94.1 %*	*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	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	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	Analyst: RAS			Batch: 2234045
Chloride	**20.4**	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-174

E208085-18

Analyte	Result	Reporting Limit	Dilution	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		*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	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	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	Analyst: RAS			Batch: 2234045
Chloride	ND	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-175

E208085-19

Analyte	Result	Reporting Limit	Dilution	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	

Sample Data

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

CS-176

E208085-20

Analyte	Result	Reporting Limit	Dilution	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: JL			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
Chloride	**294**	20.0	1	08/17/22	08/17/22	

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 2:08:40PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234041-BLK1)									Prepared: 08/16/22 Analyzed: 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: 08/16/22 Analyzed: 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: 08/16/22 Analyzed: 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*			
Surrogate: Toluene-d8	*0.520*		*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	8/18/2022 2:08:40PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234041-BLK1)									Prepared: 08/16/22 Analyzed: 08/17/22
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: 08/16/22 Analyzed: 08/17/22
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: 08/16/22 Analyzed: 08/17/22
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*			

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 2:08:40PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234033-BLK1)									Prepared: 08/16/22 Analyzed: 08/16/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*49.3*		*50.0*		*98.7*	*50-200*			
LCS (2234033-BS1)									Prepared: 08/16/22 Analyzed: 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: 08/16/22 Analyzed: 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*			

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 2:08:40PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234045-BLK1)									Prepared: 08/17/22 Analyzed: 08/17/22
Chloride	ND	20.0							
LCS (2234045-BS1)									Prepared: 08/17/22 Analyzed: 08/17/22
Chloride	245	20.0	250		97.8	90-110			
LCS Dup (2234045-BSD1)									Prepared: 08/17/22 Analyzed: 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.

Information

Chain of Custody

EOG
: Ocotillo ACI Federal #1
Manager: Greg Crabtree
s:
ate, Zip
Enviro
due by:

Bill To
Attention:
Address:
City, State, Zip
Phone:
Email:

Lab Use Only
Lab WO# E208085
Job Number 19434-0016

TAT
1D: X | 2D | 3D | Standard

EPA Program
CWA | SDWA | RCRA: X

State
NM: X | CO | UT | AZ | TX

Analysis and Method

Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks
10:29 8/16/2022	S	1	CS-157	1	X	X	X			X	
10:32 8/16/2022	S	1	CS-158	2							
10:35 8/16/2022	S	1	CS-159	3							
10:38 8/16/2022	S	1	CS-160	4							
10:42 8/16/2022	S	1	CS-161	5							
11:19 8/16/2022	S	1	CS-162	6							
11:21 8/16/2022	S	1	CS-163	7							
11:23 8/16/2022	S	1	CS-164	8							
11:30 8/16/2022	S	1	CS-165	9							
11:34 8/16/2022	S	1	CS-166	10							

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. Sampled by: R. Garcia

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

	Date	Time		Date	Time
ished by: (Signature)	8/16/2022	13:54	Received by: (Signature)	8.16.22	1354
ished by: (Signature)	8.16.22	1550	Received by: (Signature)	8/17/22	9:45
ished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: Y / N
T1 T2 T3
AVG Temp °C 4

Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

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Project Information | Chain of Custody | Page 4 of 6

Client: EOG	Bill To
Project: Ocotillo ACI Federal #1	Attention:
Project Manager: Greg Crabtree	Address:
Address:	City, State, Zip
City, State, Zip	Phone:
Phone:	Email:
Email: Enviro	
Report due by:	

Lab Use Only		TAT				EPA Program	
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
E208085	19034-0016	X					

Analysis and Method												RCRA	State					
DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0							X	NM	CO	UT	AZ	TX	
													X					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks
11:39	8/16/2022	S	1	CS-167	11	X	X	X			X	
11:43	8/16/2022	S	1	CS-168	12							
11:46	8/16/2022	S	1	CS-169	13							
11:49	8/16/2022	S	1	CS-170	14							
11:53	8/16/2022	S	1	CS-171	15							
11:59	8/16/2022	S	1	CS-172	16							
12:04	8/16/2022	S	1	CS-173	17							
12:08	8/16/2022	S	1	CS-174	18							
12:11	8/16/2022	S	1	CS-175	19							
12:15	8/16/2022	S	1	CS-176	20							

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: T. Garcia

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8/16/2022	13:54		8.16.22	1354
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8.16.22	1550		8/17/22	9:45
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

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Envirotech Analytical Laboratory

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

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 09:45	Work Order ID:	E208085
Phone:	(575) 748-4217	Date Logged In:	08/16/22 15:51	Logged In By:	Caitlin Christian
Email:		Due Date:	08/17/22 17:00 (0 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project has been seperated into 3 reports due to amount of samples. Workorders are as follows:
E208084 COC pg 1&2 of 6, E208085 COC pg 3&4 of 6, E208086 COC pg 5&6 of 6.

Client Instruction

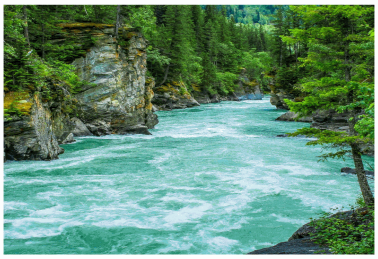
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Greg Crabtree



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:	Ocotillo ACI Federal #1
Work Order:	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
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Cell: 505-320-4759
ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
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Envirotech Web Address: www.envirotech-inc.com

Table of Contents

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Sample Summary

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

Sample Data

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

CS-177

E208086-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234046
Chloride	**21.8**	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-178

E208086-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234046
Chloride	**26.3**	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-179

E208086-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234046
Chloride	ND	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-180

E208086-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234046
Chloride	ND	20.0	1	08/17/22	08/17/22	

Sample Data

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

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E208086-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234046
Chloride	**142**	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-182

E208086-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234046
Chloride	**48.4**	20.0	1	08/17/22	08/17/22	

Sample Data

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

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E208086-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234046
Chloride	ND	20.0	1	08/17/22	08/17/22	

Sample Data

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

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E208086-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234046
Chloride	ND	20.0	1	08/17/22	08/17/22	

Sample Data

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

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E208086-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234046
Chloride	**63.3**	20.0	1	08/17/22	08/17/22	

Sample Data

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

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E208086-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234046
Chloride	**116**	20.0	1	08/17/22	08/17/22	

Sample Data

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

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E208086-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234046
Chloride	**250**	20.0	1	08/17/22	08/17/22	

Sample Data

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

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E208086-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234046
Chloride	**112**	20.0	1	08/17/22	08/17/22	

Sample Data

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

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E208086-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234046
Chloride	ND	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-190

E208086-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234046
Chloride	ND	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-191

E208086-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234046
Chloride	ND	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-192

E208086-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234046
Chloride	**80.6**	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-193

E208086-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234046
Chloride	ND	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-194

E208086-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234046
Chloride	ND	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-195

E208086-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234046
Chloride	**32.2**	20.0	1	08/17/22	08/17/22	

Sample Data

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

CS-196

E208086-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234046
Chloride	**280**	20.0	1	08/17/22	08/17/22	

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

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234042-BLK1)									Prepared: 08/16/22 Analyzed: 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: 08/16/22 Analyzed: 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			
p,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: 08/16/22 Analyzed: 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	
Surrogate: 4-Bromochlorobenzene-PID	*7.85*		*8.00*		*98.1*	*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	8/18/2022 3:56:37PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234042-BLK1)									Prepared: 08/16/22 Analyzed: 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: 08/16/22 Analyzed: 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: 08/16/22 Analyzed: 08/17/22
Gasoline Range Organics (C6-C10)	42.0	20.0	50.0		84.0	70-130	0.0378	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.58*		*8.00*		*94.7*	*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	8/18/2022 3:56:37PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234034-BLK1)									Prepared: 08/16/22 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: 08/16/22 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: 08/16/22 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*			

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

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234046-BLK1)									Prepared: 08/17/22 Analyzed: 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.

Information

Chain of Custody

EOG
Ocotillo ACI Federal #1
Manager: Greg Crabtree
s:
ate, Zip
Enviro
due by:

Bill To
Attention:
Address:
City, State, Zip
Phone:
Email:

Lab Use Only
Lab WO# E208086 | Job Number 19034-0016

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA X

State: NM X | CO | UT | AZ | TX

	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks
12:18	8/16/2022	S	1	CS-177	1	X	X	X			X	
12:21	8/16/2022	S	1	CS-178	2							
12:24	8/16/2022	S	1	CS-179	3							
12:27	8/16/2022	S	1	CS-180	4							
12:31	8/16/2022	S	1	CS-181	5							
12:37	8/16/2022	S	1	CS-182	6							
12:41	8/16/2022	S	1	CS-183	7							
12:49	8/16/2022	S	1	CS-184	8							
12:47	8/16/2022	S	1	CS-185	9							
12:50	8/16/2022	S	1	CS-186	10							

Analysis and Method

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. Sampled by: R. Garcia

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

	Date	Time		Date	Time
ished by: (Signature)	8/16/2022	13:54	Received by: (Signature)	8.16.22	1354
ished by: (Signature)	8.16.22	1550	Received by: (Signature)	8/17/22	9:45
ished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

amples 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 s 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

Information

Chain of Custody

Page 6 of 6

EOG
Ocotillo ACI Federal #1
Manager: Grey Crabtree
s:
ate, Zip
Enviro
due by:

Bill To
Attention:
Address:
City, State, Zip
Phone:
Email:

Lab Use Only
Lab WO# E208086
Job Number 19034-0016

TAT
1D: X
2D:
3D:
Standard:

EPA Program
CWA:
SDWA:
RCRA: X

State
NM: X
CO:
UT:
AZ:
TX:

Analysis and Method

Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks
12:54 8/16/2022	S	1	CS-187	11	X	X	X			X	
12:57 8/16/2022	S	1	CS-188	12							
13:00 8/16/2022	S	1	CS-189	13							
13:06 8/16/2022	S	1	CS-190	14							
13:09 8/16/2022	S	1	CS-191	15							
13:13 8/16/2022	S	1	CS-192	16							
13:17 8/16/2022	S	1	CS-193	17							
13:21 8/16/2022	S	1	CS-194	18							
13:25 8/16/2022	S	1	CS-195	19							
13:28 8/16/2022	S	1	CS-196	20							

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. Sampled by: J. Garcia

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8/16/2022	13:54		8.16.2022	1354
	8.16.22	1550		8/17/22	9:45

Lab Use Only
Received on ice: Y / N
T1 T2 T3
AVG Temp °C 4

Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

amples 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 s 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

Envirotech Analytical Laboratory

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

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 09:45	Work Order ID:	E208086
Phone:	(575) 748-4217	Date Logged In:	08/16/22 16:13	Logged In By:	Caitlin Christian
Email:		Due Date:	08/17/22 17:00 (0 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project has been seperated into 3 reports due to amount of samples. Workorders are as follows:
E208084 COC pg 1&2 of 6, E208085 COC pg 3&4 of 6, E208086 COC pg 5&6 of 6.

Client Instruction

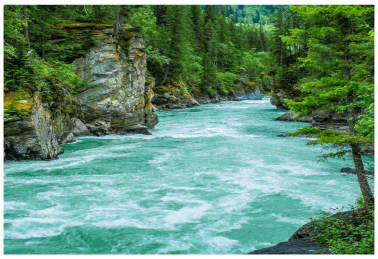
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Greg Crabtree



5796 U.S. Hwy 64
Farmington, NM 87401

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Envirotech-inc.com

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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

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,

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Table of Contents

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Sample Summary

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

Sample Data

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

CS-197

E208098-01

Analyte	Result	Reporting Limit	Dilution	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		*98.8 %*	*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: 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: 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	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: RAS			Batch: 2234074
Chloride	**207**	20.0	1	08/18/22	08/18/22	

Sample Data

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

CS-198

E208098-02

Analyte	Result	Reporting Limit	Dilution	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	

Sample Data

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

CS-199

E208098-03

Analyte	Result	Reporting Limit	Dilution	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		*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	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	08/18/22	08/18/22	
Oil Range Organics (C28-C36)	**162**	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	Analyst: RAS			Batch: 2234074
Chloride	**113**	20.0	1	08/18/22	08/18/22	

Sample Data

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

CS-200

E208098-04

Analyte	Result	Reporting Limit	Dilution	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		*98.4 %*	*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: IY			Batch: 2234062
Gasoline Range Organics (C6-C10)	ND	20.0	1	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			Batch: 2234072
Diesel Range Organics (C10-C28)	**124**	25.0	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: RAS			Batch: 2234074
Chloride	**152**	20.0	1	08/18/22	08/18/22	

Sample Data

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

CS-201

E208098-05

Analyte	Result	Reporting Limit	Dilution	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		*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	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	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*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234074
Chloride	**165**	20.0	1	08/18/22	08/18/22	

Sample Data

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

CS-202

E208098-06

Analyte	Result	Reporting Limit	Dilution	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		*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	Analyst: IY			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	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: RAS			Batch: 2234074
Chloride	**143**	20.0	1	08/18/22	08/18/22	

Sample Data

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

CS-203

E208098-07

Analyte	Result	Reporting Limit	Dilution	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		*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	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	08/18/22	08/18/22	
Oil Range Organics (C28-C36)	**267**	50.0	1	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
Chloride	**186**	20.0	1	08/18/22	08/18/22	

Sample Data

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

CS-204

E208098-08

Analyte	Result	Reporting Limit	Dilution	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		*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	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		*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	Analyst: JL			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	Analyst: RAS			Batch: 2234074
Chloride	**147**	20.0	1	08/18/22	08/18/22	

Sample Data

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

CS-205

E208098-09

Analyte	Result	Reporting Limit	Dilution	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		*98.1 %*	*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	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	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*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234074
Chloride	**491**	20.0	1	08/18/22	08/18/22	

Sample Data

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

CS-206

E208098-10

Analyte	Result	Reporting Limit	Dilution	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		*93.5 %*	*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: IY			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: JL			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	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: RAS			Batch: 2234074
Chloride	**199**	20.0	1	08/18/22	08/18/22	

Sample Data

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

CS-207

E208098-11

Analyte	Result	Reporting Limit	Dilution	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		*95.0 %*	*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: IY			Batch: 2234062
Gasoline Range Organics (C6-C10)	ND	20.0	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	08/18/22	08/18/22	
Oil Range Organics (C28-C36)	**122**	50.0	1	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: RAS			Batch: 2234074
Chloride	**420**	20.0	1	08/18/22	08/18/22	

Sample Data

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

CS-208

E208098-12

Analyte	Result	Reporting Limit	Dilution	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		*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	Analyst: IY			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	Analyst: JL			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: RAS			Batch: 2234074
Chloride	**475**	20.0	1	08/18/22	08/18/22	

Sample Data

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

CS-209

E208098-13

Analyte	Result	Reporting Limit	Dilution	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
Chloride	**345**	20.0	1	08/18/22	08/18/22	

Sample Data

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

CS-210

E208098-14

Analyte	Result	Reporting Limit	Dilution	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		*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	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	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	Analyst: RAS			Batch: 2234074
Chloride	**62.2**	20.0	1	08/18/22	08/18/22	

Sample Data

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

CS-211

E208098-15

Analyte	Result	Reporting Limit	Dilution	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: JL			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	1	08/18/22	08/18/22	

Sample Data

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

CS-212

E208098-16

Analyte	Result	Reporting Limit	Dilution	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		*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: 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		*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: JL			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: RAS			Batch: 2234074
Chloride	**574**	20.0	1	08/18/22	08/18/22	

Sample Data

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

CS-213

E208098-17

Analyte	Result	Reporting Limit	Dilution	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		*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: IY			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: JL			Batch: 2234072
Diesel Range Organics (C10-C28)	**116**	50.0	2	08/18/22	08/18/22	
Oil Range Organics (C28-C36)	**184**	100	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: RAS			Batch: 2234074
Chloride	**222**	20.0	1	08/18/22	08/18/22	

Sample Data

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

CS-214

E208098-18

Analyte	Result	Reporting Limit	Dilution	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		*95.3 %*	*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
Chloride	**39.0**	20.0	1	08/18/22	08/18/22	

Sample Data

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

CS-215

E208098-19

Analyte	Result	Reporting Limit	Dilution	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: JL			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	

Sample Data

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

CS-216

E208098-20

Analyte	Result	Reporting Limit	Dilution	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		*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	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*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234074
Chloride	**505**	20.0	1	08/18/22	08/18/22	

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

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234062-BLK1)									Prepared: 08/18/22 Analyzed: 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	*0.487*		*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-BS1)									Prepared: 08/18/22 Analyzed: 08/18/22
Benzene	2.26	0.0250	2.50		90.2	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			
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			
Surrogate: Bromofluorobenzene	*0.502*		*0.500*		*100*	*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		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*			
Surrogate: 1,2-Dichloroethane-d4	*0.502*		*0.500*		*100*	*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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234062-BLK1)									Prepared: 08/18/22 Analyzed: 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: 08/18/22 Analyzed: 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: 08/18/22 Analyzed: 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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234072-BLK1)									Prepared: 08/18/22 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: 08/18/22 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: 08/18/22 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*			

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

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234074-BLK1)									Prepared: 08/18/22 Analyzed: 08/18/22
Chloride	ND	20.0							
LCS (2234074-BS1)									Prepared: 08/18/22 Analyzed: 08/18/22
Chloride	250	20.0	250		100	90-110			
LCS Dup (2234074-BSD1)									Prepared: 08/18/22 Analyzed: 08/18/22
Chloride	246	20.0	250		98.4	90-110	1.63	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	08/19/22 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.

Information

Chain of Custody

Page 1 of 5

EOG
:Ocotillo ACI Federal #1
Manager: Greg Crabtree
s:
ate, Zip
Enviro
due by:

Bill To
Attention:
Address:
City, State, Zip
Phone:
Email:

Lab Use Only
Lab WO# E208098
Job Number 19034-0016

TAT
1D X | 2D | 3D | Standard

EPA Program
CWA | SDWA | RCRA X

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015; GRO/DRO by 8015; BTEX by 8021; VOC by 8260; Metals 6010; Chloride 300.0

d	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
14:36	8/16/2022	S	1	CS-197	1	
14:43	8/16/2022	S	1	CS-198	2	
14:47	8/16/2022	S	1	CS-199	3	
14:50	8/16/2022	S	1	CS-200	4	
14:53	8/16/2022	S	1	CS-201	5	
14:57	8/16/2022	S	1	CS-202	6	
15:01	8/16/2022	S	1	CS-203	7	
15:06	8/16/2022	S	1	CS-204	8	
15:09	8/16/2022	S	1	CS-205	9	
15:13	8/16/2022	S	1	CS-206	10	

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. Sampled by: E. Garcia

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

ished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8/17/2022	12:25		8-17-22	1225
ished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8.17.22	1600		8/18/22	10:00
ished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

amples 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 s 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

Information

Chain of Custody

Manager: Same	Bill To	Lab Use Only: Lab WO# E208098; Job Number 19034-0016
s:	Attention:	TAT: 1D X, 2D, 3D, Standard
ate, Zip	Address:	EPA Program: CWA, SDWA, RCRA X
due by:	City, State, Zip	State: NM X, CO, UT, AZ, TX
	Phone:	
	Email:	

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0						Remarks
15:16	8/16/2022	S	1	CS-207	11	X	X	X			X						
15:19	8/16/2022	S	1	CS-208	12												
15:22	8/16/2022	S	1	CS-209	13												
15:25	8/16/2022	S	1	CS-210	14												
15:28	8/16/2022	S	1	CS-211	15												
15:32	8/16/2022	S	1	CS-212	16												
15:35	8/16/2022	S	1	CS-213	17												
15:37	8/16/2022	S	1	CS-214	18												
15:40	8/16/2022	S	1	CS-215	19												
15:43	8/16/2022	S	1	CS-216	20												

ional Instructions:

ampler), 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. Sampled by: E. Garcie

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	8/17/2022	12:25	[signature]	8.17.22	1225
[signature]	8.17.22	1600	[signature]	8/18/22	10:00

Lab Use Only

Received on ice: (Y) N

T1 ______ T2 ______ T3 ______

AVG Temp °C 4

Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ______

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

amples 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 s 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

Envirotech Analytical Laboratory

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

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:	E208098
Phone:	(575) 748-4217	Date Logged In:	08/17/22 16:22	Logged In By:	Caitlin Christian
Email:		Due Date:	08/18/22 17:00 (0 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project has been seperated into two reports due to sample volume. workorders are as follows: E208098 and E208099

Client Instruction

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

Date

envirotech Inc.

Report to:

Greg Crabtree

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:	Ocotillo ACI Federal #1
Work Order:	E208099
Job Number:	19034-0016
Received:	8/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/19/22

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,

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Sample Summary

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

Sample Data

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

CS-217

E208099-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234076
Chloride	**283**	20.0	1	08/18/22	08/18/22	

Sample Data

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

CS-218

E208099-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234076
Chloride	**181**	20.0	1	08/18/22	08/18/22	

Sample Data

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

CS-219

E208099-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: IY			Batch: 2234063
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.7 %*	*70-130*	*08/18/22*	*08/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234073
Diesel Range Organics (C10-C28)	**40.3**	25.0	1	08/18/22	08/18/22	
Oil Range Organics (C28-C36)	**58.0**	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	Analyst: RAS			Batch: 2234076
Chloride	**86.1**	20.0	1	08/18/22	08/18/22	

Sample Data

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

CS-220

E208099-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234076
Chloride	**24.3**	20.0	1	08/18/22	08/18/22	

Sample Data

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

CS-221

E208099-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234076
Chloride	**644**	20.0	1	08/18/22	08/18/22	

Sample Data

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

CS-222

E208099-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234076
Chloride	**1140**	20.0	1	08/18/22	08/18/22	

Sample Data

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

CS-223

E208099-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234076
Chloride	**28.4**	20.0	1	08/18/22	08/18/22	

Sample Data

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

CS-224

E208099-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234076
Chloride	**87.4**	20.0	1	08/18/22	08/18/22	

Sample Data

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

CS-225

E208099-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234076
Chloride	**205**	20.0	1	08/18/22	08/18/22	

Sample Data

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

CS-226

E208099-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234076
Chloride	**224**	20.0	1	08/18/22	08/18/22	

Sample Data

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

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E208099-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234076
Chloride	**104**	20.0	1	08/18/22	08/18/22	

Sample Data

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

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E208099-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234076
Chloride	**39.3**	20.0	1	08/18/22	08/18/22	

Sample Data

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

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E208099-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234076
Chloride	**326**	20.0	1	08/18/22	08/18/22	

Sample Data

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

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E208099-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234076
Chloride	ND	20.0	1	08/18/22	08/18/22	

Sample Data

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

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E208099-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234076
Chloride	ND	20.0	1	08/18/22	08/18/22	

Sample Data

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

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E208099-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234076
Chloride	ND	20.0	1	08/18/22	08/18/22	

Sample Data

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

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E208099-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234076
Chloride	ND	20.0	1	08/18/22	08/18/22	

Sample Data

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

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E208099-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*101 %*	*70-130*	*08/18/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234076
Chloride	ND	20.0	1	08/18/22	08/18/22	

Sample Data

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

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E208099-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234076
Chloride	ND	20.0	1	08/18/22	08/18/22	

Sample Data

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

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E208099-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: RAS			Batch: 2234076
Chloride	ND	20.0	1	08/18/22	08/18/22	

Sample Data

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

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E208099-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	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		*99.1 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*	*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	Analyst: IY			Batch: 2234061
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/19/22	
Surrogate: Bromofluorobenzene		*99.1 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*	*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	Analyst: JL			Batch: 2234071
Diesel Range Organics (C10-C28)	**35.5**	25.0	1	08/18/22	08/18/22	
Oil Range Organics (C28-C36)	**51.6**	50.0	1	08/18/22	08/18/22	
Surrogate: n-Nonane		*75.0 %*	*50-200*	*08/18/22*	*08/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234079
Chloride	ND	20.0	1	08/18/22	08/18/22	

Sample Data

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

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E208099-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	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	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	Analyst: RAS			Batch: 2234079
Chloride	ND	20.0	1	08/18/22	08/18/22	

Sample Data

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

CS-239

E208099-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	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	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	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*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234079
Chloride	ND	20.0	1	08/18/22	08/18/22	

Sample Data

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

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E208099-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	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	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	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	Analyst: RAS			Batch: 2234079
Chloride	**245**	20.0	1	08/18/22	08/18/22	

Sample Data

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

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E208099-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	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	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	Analyst: RAS			Batch: 2234079
Chloride	ND	20.0	1	08/18/22	08/18/22	

Sample Data

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

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E208099-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	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	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	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	Analyst: RAS			Batch: 2234079
Chloride	**436**	20.0	1	08/18/22	08/18/22	

Sample Data

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

CS-243

E208099-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	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		*99.8 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*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	Analyst: IY			Batch: 2234061
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/19/22	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*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)	**25.9**	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		*86.3 %*	*50-200*	*08/18/22*	*08/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234079
Chloride	**233**	20.0	1	08/18/22	08/18/22	

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

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234061-BLK1)									Prepared: 08/18/22 Analyzed: 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: 08/18/22 Analyzed: 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: 08/18/22 Analyzed: 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*			
Surrogate: Toluene-d8	*0.500*		*0.500*		*99.9*	*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 2:42:14PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234063-BLK1)									Prepared: 08/18/22 Analyzed: 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: 4-Bromochlorobenzene-PID	*8.22*		*8.00*		*103*	*70-130*			
LCS (2234063-BS1)									Prepared: 08/18/22 Analyzed: 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			
p,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)									Prepared: 08/18/22 Analyzed: 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	
p,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	
Surrogate: 4-Bromochlorobenzene-PID	*8.33*		*8.00*		*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 2:42:14PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234061-BLK1)									Prepared: 08/18/22 Analyzed: 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: 08/18/22 Analyzed: 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: 08/18/22 Analyzed: 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*			

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234063-BLK1)									Prepared: 08/18/22 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: 08/18/22 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: 08/18/22 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*			

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234071-BLK1)									Prepared: 08/18/22 Analyzed: 08/18/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*43.0*		*50.0*		*85.9*	*50-200*			
LCS (2234071-BS1)									Prepared: 08/18/22 Analyzed: 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: 08/18/22 Analyzed: 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*			

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234073-BLK1)									Prepared: 08/18/22 Analyzed: 08/18/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*40.1*		*50.0*		*80.3*	*50-200*			
LCS (2234073-BS1)									Prepared: 08/18/22 Analyzed: 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: 08/18/22 Analyzed: 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*			

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

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234076-BLK1)									Prepared: 08/18/22 Analyzed: 08/18/22
Chloride	ND	20.0							
LCS (2234076-BS1)									Prepared: 08/18/22 Analyzed: 08/19/22
Chloride	247	20.0	250		98.8	90-110			
LCS Dup (2234076-BSD1)									Prepared: 08/18/22 Analyzed: 08/19/22
Chloride	267	20.0	250		107	90-110	7.81	20	

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

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234079-BLK1)									Prepared: 08/18/22 Analyzed: 08/19/22
Chloride	ND	20.0							
LCS (2234079-BS1)									Prepared: 08/18/22 Analyzed: 08/19/22
Chloride	243	20.0	250		97.1	90-110			
LCS Dup (2234079-BSD1)									Prepared: 08/18/22 Analyzed: 08/19/22
Chloride	238	20.0	250		95.0	90-110	2.18	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	08/19/22 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.

Information

Chain of Custody

	EOG
:	Ocotillo UACI Federal #1
Manager:	G. Crabtree
s:	
ate, Zip	
due by:	

Bill To

Attention:
Address:
City, State, Zip
Phone:
Email:

Lab Use Only		TAT				EPA Program	
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
E208099	19034-0016	X					
							RCRA
							X

State

NM	CO	UT	AZ	TX
X				

Time	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks
15:45	8/16/2022	S	1	CS-217	1	X	X	X			X	
15:48	8/16/2022	S	1	CS-218	2							
15:50	8/16/2022	S	1	CS-219	3							
15:52	8/16/2022	S	1	CS-220	4							
15:57	8/16/2022	S	1	CS-221	5							
16:00	8/16/2022	S	1	CS-222	6							
16:03	8/16/2022	S	1	CS-223	7							
16:05	8/16/2022	S	1	CS-224	8							
16:08	8/16/2022	S	1	CS-225	9							
16:11	8/16/2022	S	1	CS-226	10							

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. Sampled by: A. Garcia

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

ished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	8/17/2022	12:25	[signature]	8.17.22	1225
[signature]	8.17.22	1600	[signature]	8/18/22	10:00

Lab Use Only

Received on ice: (Y) N

T1 ______ T2 ______ T3 ______

AVG Temp °C 4

Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ______

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

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Information

Chain of Custody

Page 4 of 5

:	Bill To	Lab Use Only
Manager:	Attention:	Lab WO# E208099
s:	Address:	Job Number 19034-0016
ate, Zip	City, State, Zip	
	Phone:	
due by:	Email:	

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
X					

RCRA: X

State: NM X | CO | UT | AZ | TX

	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks
16:14	8/16/2022	S	1	CS-227	11	X	X	X			X	
16:17	8/16/2022	S	1	CS-228	12							
16:20	8/16/2022	S	1	CS-229	13							
16:23	8/16/2022	S	1	CS-230	14							
16:25	8/16/2022	S	1	CS-231	15							
16:22	8/16/2022	S	1	CS-232	16							
17:46	8/16/2022	S	1	CS-233	17							
17:48	8/16/2022	S	1	CS-234	18							
17:50	8/16/2022	S	1	CS-235	19							
17:52	8/16/2022	S	1	CS-236	20							

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. Sampled by: L. Garcia

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

	Date	Time		Date	Time
ished by: (Signature)	8/17/2022	12:25	Received by: (Signature)	8.17.22	1225
ished by: (Signature)	8.17.22	1600	Received by: (Signature)	8/18/22	10:00
ished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

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Information

Chain of Custody

		Bill To	Lab Use Only		TAT				EPA Program	
Manager:		Attention:	Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
s:		Address:	E208099	19034-0016	X					
ate, Zip	SAME	City, State, Zip	Analysis and Method							RCRA
		Phone:								X
		Email:							State	
due by:									NM CO UT AZ TX	
									X	

	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks
17:54	8/16/2022	S	1	CS-237	21	X	X	X			X	
17:56	8/16/2022	S	1	CS-238	22							
17:58	8/16/2022	S	1	CS 239	23							
18:02	8/16/2022	S	1	CS-240	24							
18:04	8/16/2022	S	1	CS-241	25							
18:06	8/16/2022	S	1	CS-242	26							
18:08	8/16/2022	S	1	CS-243	27							

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. Sampled by: E. Garcia

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

	Date	Time		Date	Time
ished by: (Signature)	8/17/2022	12:25	Received by: (Signature)	8.17.22	1225
ished by: (Signature)	8.17.22	1600	Received by: (Signature)	8/18/22	10:00
ished by: (Signature)			Received by: (Signature)		

Lab Use Only

Received on ice: (Y) N

T1 T2 T3

AVG Temp °C 4

Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

amples 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 s 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

Envirotech Analytical Laboratory

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

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	EOG Resources	Date Received:	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:	08/18/22 17:00 (0 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project has been seperated into two reports due to sample volume. workorders are as follows: E208098 and E208099

Client Instruction

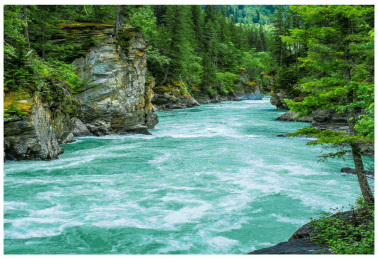
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Greg Crabtree



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name: 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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

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

Client Sample ID	Lab Sample ID	Matrix	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	E208111-05A	Soil	08/17/22	08/19/22	Glass Jar, 2 oz.

Sample Data

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

Analyte	Result	Reporting Limit	Dilution	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		*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: IY			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: 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		*74.6 %*	*50-200*	*08/19/22*	*08/22/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2235003
Chloride	**76.8**	20.0	1	08/22/22	08/22/22	

Sample Data

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

E208111-02

Analyte	Result	Reporting Limit	Dilution	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		*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	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	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	Analyst: KL			Batch: 2235003
Chloride	ND	20.0	1	08/22/22	08/22/22	

Sample Data

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

E208111-03

Analyte	Result	Reporting Limit	Dilution	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: JL			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*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2235003
Chloride	ND	20.0	1	08/22/22	08/22/22	

Sample Data

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

E208111-04

Analyte	Result	Reporting Limit	Dilution	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		*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	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	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
Chloride	ND	20.0	1	08/22/22	08/22/22	

Sample Data

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

E208111-05

Analyte	Result	Reporting Limit	Dilution	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		*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	Analyst: IY			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	Analyst: KL			Batch: 2235003
Chloride	ND	20.0	1	08/22/22	08/22/22	

QC Summary Data

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

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234100-BLK1)									Prepared: 08/19/22 Analyzed: 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: 08/19/22 Analyzed: 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			
p,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: 08/19/22 Analyzed: 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	
Toluene	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	
p,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*			
Surrogate: Toluene-d8	*0.521*		*0.500*		*104*	*70-130*			

QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234100-BLK1)									Prepared: 08/19/22 Analyzed: 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: 08/19/22 Analyzed: 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: 08/19/22 Analyzed: 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*			

QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234104-BLK1)									Prepared: 08/19/22 Analyzed: 08/22/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.7*		*50.0*		*95.3*	*50-200*			
LCS (2234104-BS1)									Prepared: 08/19/22 Analyzed: 08/22/22
Diesel Range Organics (C10-C28)	220	25.0	250		88.0	38-132			
Surrogate: n-Nonane	*43.9*		*50.0*		*87.9*	*50-200*			
Matrix Spike (2234104-MS1)				**Source: E208110-03**					Prepared: 08/19/22 Analyzed: 08/22/22
Diesel Range Organics (C10-C28)	220	25.0	250	ND	87.8	38-132			
Surrogate: n-Nonane	*39.9*		*50.0*		*79.9*	*50-200*			
Matrix Spike Dup (2234104-MSD1)				**Source: E208110-03**					Prepared: 08/19/22 Analyzed: 08/22/22
Diesel Range Organics (C10-C28)	235	25.0	250	ND	93.8	38-132	6.58	20	
Surrogate: n-Nonane	*42.5*		*50.0*		*85.0*	*50-200*			

QC Summary Data

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

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2235003-BLK1)									Prepared: 08/22/22 Analyzed: 08/22/22
Chloride	ND	20.0							
LCS (2235003-BS1)									Prepared: 08/22/22 Analyzed: 08/22/22
Chloride	237	20.0	250		94.7	90-110			
Matrix Spike (2235003-MS1)				**Source: E208111-01**					Prepared: 08/22/22 Analyzed: 08/22/22
Chloride	317	20.0	250	76.8	96.2	80-120			
Matrix Spike Dup (2235003-MSD1)				**Source: E208111-01**					Prepared: 08/22/22 Analyzed: 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

EOG Resources	Project Name:	Ocotilla	
104 South 4th Street	Project Number:	19034-0016	**Reported:**
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 | Page 1 of 1

Client: EOG	Bill To
Project: Ocotilla	Attention:
Project Manager: Greg	Address:
Address:	City, State, Zip
City, State, Zip	Phone:
Phone:	Email:
Email: [illegible]	
Report due by:	

Lab Use Only: Lab WO# E208111 | Job Number 19034-0016

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA X

State: NM X | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks
16:18	8/17/2022	S	1	CS-244	1	X	X	X			X	
16:20	8/17/2022	S	1	CS-245	2	X	X	X			X	
16:22	8/17/2022	S	1	CS-246	3	X	X	X			X	
16:24	8/17/2022	S	1	CS-247	4	X	X	X			X	
16:26	8/17/2022	S	1	CS-248	5	X	X	X			X	

Analysis and Method: 1D | 2D | 3D | Standard

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: R. Garcia

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	8/19/2022	13:24	[signature]	8/19/22	13:42
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

envirotech

Envirotech Analytical Laboratory

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

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 13:42	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 17:00 (1 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	Yes

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Appendix 5

Field Notes with Site Photography

CLIENT: EOG	envirotech		Envmtl. Spclst: A. Garcia
CLIENT/JOB #: 19034-0016			Onsite: 7:45 Offsite:
START DATE: 8/2/2022	505-632-0615 | 1-800-362-1879		LAT: 32.59384
FINISH DATE:	5796 US Highway 64		LONG: -104.56969
Page # 1 of 1	Farmington, NM 87401		

LOCATION: Name: Ocotilla ACI Federal Well #: 1 API:
County: Eddy State: NM HWY-MM:
Cause of Release: Unknown Material Released: Unknown Amt. Released: Unknown
QUAD/UNIT: SEC: 10 TWP: 20S RNG: 24E PM:

Spill Located Approximately: _____ FT. FROM _____
Excavation Approx: _____ FT. X _____ FT. X _____ FT. Volume (cy/tons): _____
Disposal Facility: _____
Land Use: Land Owner:

REGULATORY AGENCY: NMOCD TPH CLOSURE STD: 100
ADDITIONAL CLOSURE REQUIREMENTS:

			VOC		TPH (Method 418.1)			Chloride	
SAMPLE NAME	TIME COLLECTED	DESCRIPTION	TIME	PID/OV ppm	TIME	READING	CALC ppm	TIME	mg/kg
CS-130	8:33	E. Wall Pothole			9:34	47	188	9:17	122
CS-131	9:46	E. Wall Pothole			10:26	186	744	10:23	< 32
CS-132	10:57	E. Wall Pothole			11:33	120	480	11:28	< 32
CS-133	12:05	N. Pothole runoff			15:44	31	124	15:38	< 32
CS-134	12:09	E. Pothole Runoff			15:17	166	664	15:39	< 32
CS-135	12:14	S. Pothole Runoff			15:50	26	104	15:40	< 32
CS-136	16:16	End of runoff path			17:28	34	136	17:34	< 32

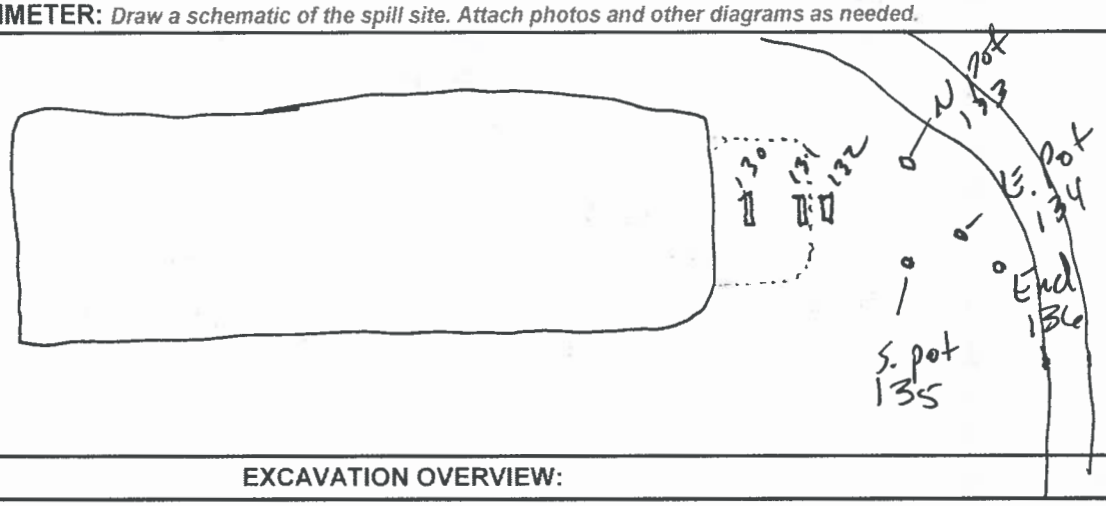
NOTES: *Include laboratory analysis information*

CS-COMPOSITE SAMPLE
GS-GRAB SAMPLE
SB-SOIL BORING
TP-TEST PIT
DU- DECISION UNIT
ST-STATION

20a standard 9:24 (219)

Revised 6/14/2021

SITE PERIMETER: *Draw a schematic of the spill site. Attach photos and other diagrams as needed.*



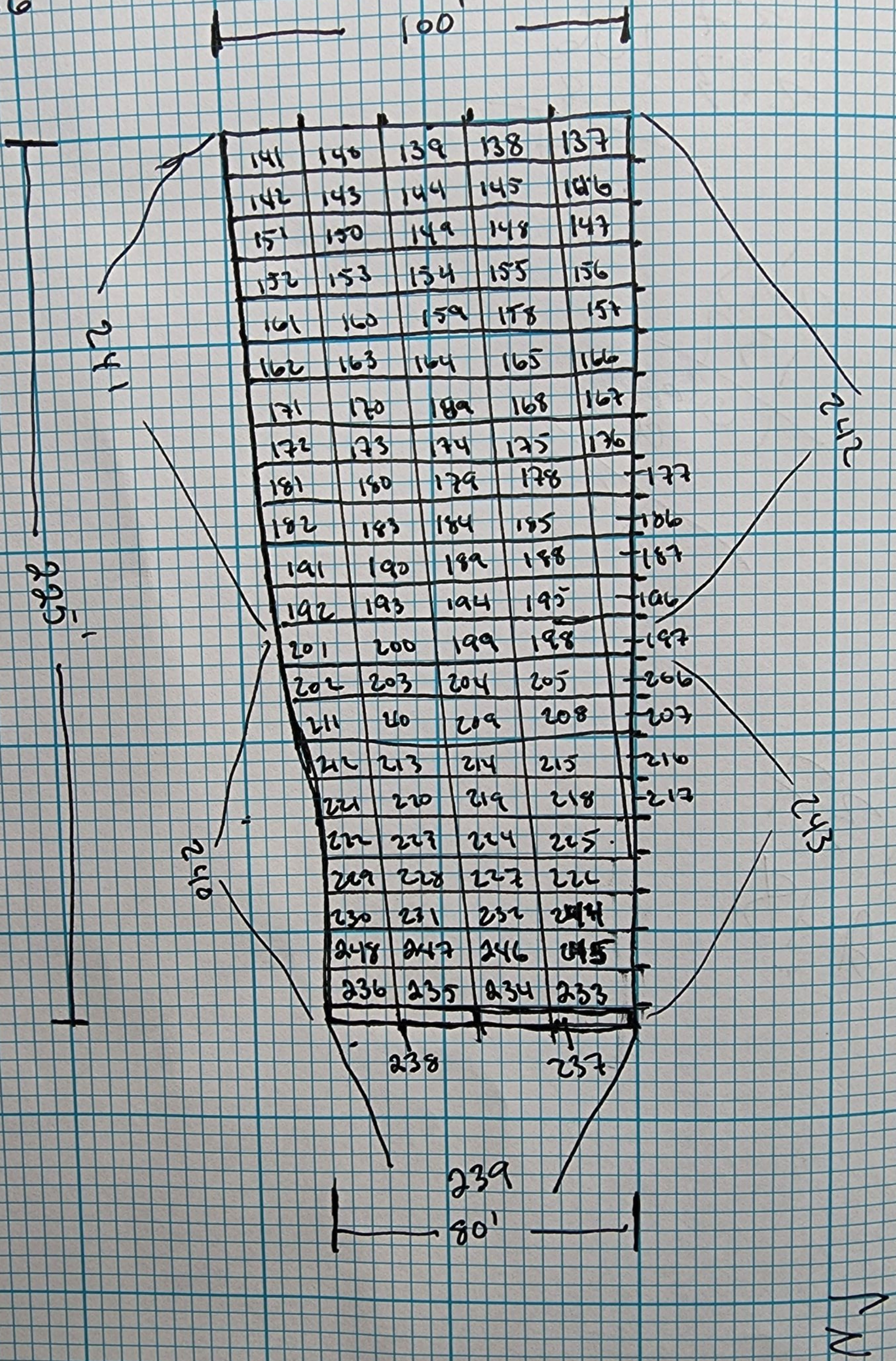
EXCAVATION OVERVIEW:

EXCAVATION PROFILE VIEWS:

Sample Name:	Sample Name:
Sample Name:	Sample Name:

Ocotillo AGI Federal #1
19034-0016

8/17/2022



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

State of New Mexico
Oil Conservation Division

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.***

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

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

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

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

Printed Name: Jeremy Haass Title: Sr. Safety & Environmental Specialist

Signature: Jy Haass Date: 8/24/22

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

OCD Only

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

- [ ] Approved
- [X] Approved with Attached Conditions of Approval
- [ ] Denied
- [ ] Deferral Approved

Signature: Robert Hamlet Date: 12/1/2022

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

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

CONDITIONS

Action 137594

CONDITIONS

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

CONDITIONS

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