

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	nAPP2202733281
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources, Inc.	OGRID 7377
Contact Name Robert Asher	Contact Telephone 575-748-4217
Contact email bob_asher@eogresources.com	Incident # nAPP2202733281
Contact mailing address 104 S. 4 th Street, Artesia, New Mexico 88210	

Location of Release Source

Latitude 32.51096 Longitude -104.49349
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Dazed BDZ Federal Com #2	Site Type: Well Pad
Date Release Discovered: 1/25/2022	API# 30-015-33428

Unit Letter	Section	Township	Range	County
E	3	21S	24E	Eddy

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

Nature and Volume of Release

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

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

Cause of Release


While decommissioning the P&A'd location, areas on well pad showed signs of soils impacted from produced water (approximate areas, 10' X 15', 12' X 21' & 21' X 70').

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

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Robert Asher</u>	Title: <u>Environmental Supervisor</u>
Signature: <u></u>	Date: <u>1-27-2022</u>
email: <u>bob_asher@eogresources.com</u>	Telephone: <u>575-748-4217</u>
<u>OCD Only</u>	
Received by: _____	Date: _____

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Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	50-100 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

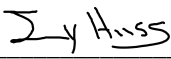
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods,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

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

Printed Name: Jeremy Haass Title: S&E Specialist
Signature:  Date: 8/16/2022
email: jeremy_haass@eogresources.com Telephone: 575-748-4311

OCD Only

Received by: Jocelyn Harimon Date: 11/23/2022

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Remediation Plan

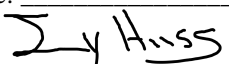
Remediation Plan Checklist: *Each of the following items must be included in the plan.*

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

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

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

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

Printed Name: Jeremy HaassTitle: S&E SpecialistSignature: Date: 8/16/2022email: jeremy_haass@eogresources.comTelephone: 575-748-4311**OCD Only**Received by: Jocelyn HarimonDate: 11/23/2022☒ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral ApprovedSignature: Date: 11/23/2022

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Closure

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

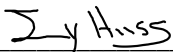
Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

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

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

Printed Name: Jeremy Haass

Title: S&E Specialist

Signature: 

Date: 8/16/2022

email: jeremy_haass@eogresources.com

Telephone: 575-748-4311

OCD Only

Received by: Jocelyn Harimon

Date: 11/23/2022

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: 11/23/2022

Printed Name: Jocelyn Harimon

Title: Environmental Specialist

Remediation Closure Report - Updated



Dazed BDZ Federal Com #2

API #30-015-33428

Unit M, Section 3, T21S, R24E

Eddy County, New Mexico

Incident ID: nAPP2202733281



February 18, 2022

Revised August 11, 2022

Project #19034-0009

Mr. Jeremy Haass
104 South 4th Street
Artesia, New Mexico
Phone: (575) 513-9235
E-mail: jeremy_haas@eogresources.com



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Arizona • Colorado • New Mexico • Texas • Utah

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Eddy County, New Mexico

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Introduction

Envirotech, Inc. (Envirotech) of Farmington, New Mexico, was contracted by EOG Resources (EOG) to complete a site assessment and subsequent remediation excavation at the Dazed BDZ Federal Com #2 (API: 30-015-33428) located within Unit E, Section 3, Township 21 South, Range 24 East in Eddy County, New Mexico; see **Figure 1, Vicinity Map**. The subject site is a plugged and abandoned (P&A) well location.

Regulatory Standards

The Dazed BDZ Federal Com #2 (site) is located 6,944 feet from a water well identified as C-03245. The site is located at an elevation of 3,830 ft above mean sea level (amsl) and the water well is located at an elevation of 3,360 feet amsl with a depth to water of 100 feet. The site is located greater than 300 feet from any significant water source. The depth to groundwater at the site was assessed as being greater than 100 feet. Prior ranking found on a C-141 dated December 27, 2007, indicates depth to water is 65 feet at the site. Furthermore, the site location is identified as being within an area of high karst topography occurrence. Siting criteria documentation for the subject well site is provided in **Appendix A, Siting Documentation**.

Based on the shallow depth of the excavations and the site being plugged and abandoned, the closure criteria for the site were based on the reclamation standards (19.15.29.13 NMAC):

Constituent	Method	Limit
Chloride	EPA 300.0	600 mg/kg
Total Petroleum Hydrocarbons (TPH)	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

Site Assessment and Sampling Activities

On January 19 and 20, 2022, Envirotech personnel and EOG's earth work contractor arrived on-site to conduct the site assessment. Prior to field work, a Job Safety Analysis (JSA) was completed. Observations made during the site assessment included three (3) areas marked on the location. The areas of concern included visibly stained soil located northwest of the P&A marker, east of the P&A marker, and near the southeast corner of the well pad.

Utilizing a backhoe, the areas of concern were excavated, and the contaminated soil was loaded into dump trucks to be transported to a New Mexico Oil Conservation Division (NMOCD) permitted disposal facility.

The excavations were identified as the northwest excavation, the main excavation, and the

southeast excavation. The final extents of the northwest excavation measured approximately 20 feet by 20 feet by 2.3 feet below ground surface (bgs). The final extents of the main excavation measured approximately 80 feet with a width ranging from 12 feet to 18 feet and a depth ranging between 0.7 to 1.2 feet bgs. The final extents of the southeast excavation measured approximately 12 feet by 10 feet by 0.7 feet bgs. Field screening analysis and associated laboratory analytical reports were included under separate cover titled *Site Assessment Report* dated February 18, 2022.

March Sampling Activities

Samples were collected on March 15, 2022. A total of five (5) five-point composite soil samples were collected from the excavations for laboratory analysis. One (1) sample was collected from the base and the walls of the of the northwest excavation. One (1) sample was collected from the base of the southeast excavation and two (2) samples were collected from the base of the main excavation. All sample collected were representative of 200 square feet (ft²). The soil samples were placed into an individual laboratory provided 4-ounce jars, 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 2, Site Map** and in **Appendix C, Site Photography**.

Laboratory Analytical Results

The soil samples were analyzed per analytical methods referenced in 19.15.29.13 NMAC. Laboratory results indicated soils were contaminated above applicable regulatory standards for chlorides in three (3) of the five (5) near surface samples (CS-11, CS-13, CS-14). CS-11 was representative of the northeast excavation base, CS-13 and CS-14 were representative of the west base and east base of the main excavation, respectively. Analytical results are summarized in **Table 1, Summary of Soil Analytical Results** and **Appendix D, Laboratory Analytical Report**.

April Excavation and Confirmation Sampling

On April 12, 2022, Envirotech personnel EOG's earth work contractor returned to the site to the remediation of the northwest and main excavations. The final extents of the northwest excavation measured approximately 20 feet by 20 feet by 3 feet bgs. The final extents of the main excavation measured approximately 80 feet with a width ranging from 12 feet to 18 feet and a depth ranging between 1 to 1.5 feet bgs.

EOG Resources notified the NMOCD prior to collecting confirmation samples at the site. Confirmation samples were collected on April 14, 2022. A total of five (5) five-point composite soil samples were collected from the excavations for laboratory analysis. One (1) sample was collected from the base of the of the northwest excavation. Two (2) samples were collected from the base of the main excavation and two (2) samples were collected from the walls of the main excavation. All samples collected were representative of 200 square feet (ft²). The soil samples

were placed into an individual laboratory provided 4-ounce jars, 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 2, Site Map** and in **Appendix C, Site Photography**. Notifications are appended in **Appendix E, Regulatory Correspondence**.

Laboratory Analytical Results

The soil samples were analyzed per analytical methods referenced in 19.15.29.13 NMAC. All samples collected returned results below laboratory detection limits or regulatory standards for all contaminants of concern. Analytical results are summarized in **Table 1, Summary of Soil Analytical Results** and **Appendix D, Laboratory Analytical Report**.

August Confirmation Sampling

Due to insufficient representative closure samples being collected in April 2022, additional sampling was required and completed on August 9, 2022. EOG submitted a sampling notification to NMOCD on August 2, 2022. Envirotech personnel, with EOG's earthwork contractor, returned to the site to unearth the former remediation excavations. Prior GPS points were used to unearth the northwest and main excavations to their original extents, and the southeast excavation had not been backfilled.

A total of thirteen (13) five-point composite soil samples were collected from the excavations for laboratory analysis:

- 1 from the walls of the southeast excavation
- 8 from the base of the main excavation
- 2 from the walls of the northwest excavation
- 2 from the base of the northwest excavation

All samples collected were representative of 200 square feet (ft²). The soil samples were placed into an individual laboratory provided 4-ounce jars, 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 2**.

Laboratory Analytical Results

The soil samples were analyzed per analytical methods referenced in 19.15.29.13 NMAC. All samples collected returned results below laboratory detection limits or regulatory standards for all contaminants of concern. Analytical results are summarized in **Table 1** and **Appendix D**.

Summary and Conclusions

Envirotech personnel completed the sampling of three (3) remediation excavations that were completed at the Dazed BDZ Federal Com #2. EOG contractors will backfill the excavations with non-waste containing material on August 12, 2022. Based on the analytical results, all

contaminants of concern are below the NMOCD reclamation criteria; therefore, Envirotech recommends requesting a **No Further Action** status regarding the remediation excavations.

Statement of Limitations

The work and services provided were in accordance with NMOCD standards. All observations and conclusions provided here are based on the information and current site conditions found at the subject well site. This work has been conducted and reported in accordance with generally accepted professional practices in geology, engineering, environmental chemistry, and hydrogeology.

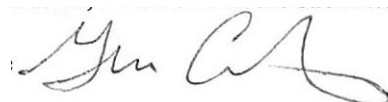
We appreciate the opportunity to be of service. If you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully submitted,
ENVIROTECH, INC.



Tami C. Knight, CHMM
Environmental Project Manager
tknight@envirotech-inc.com

Reviewed by:



Greg Crabtree, PE
Environmental Manager
gcrabtree@envirotech-inc.com

Figures

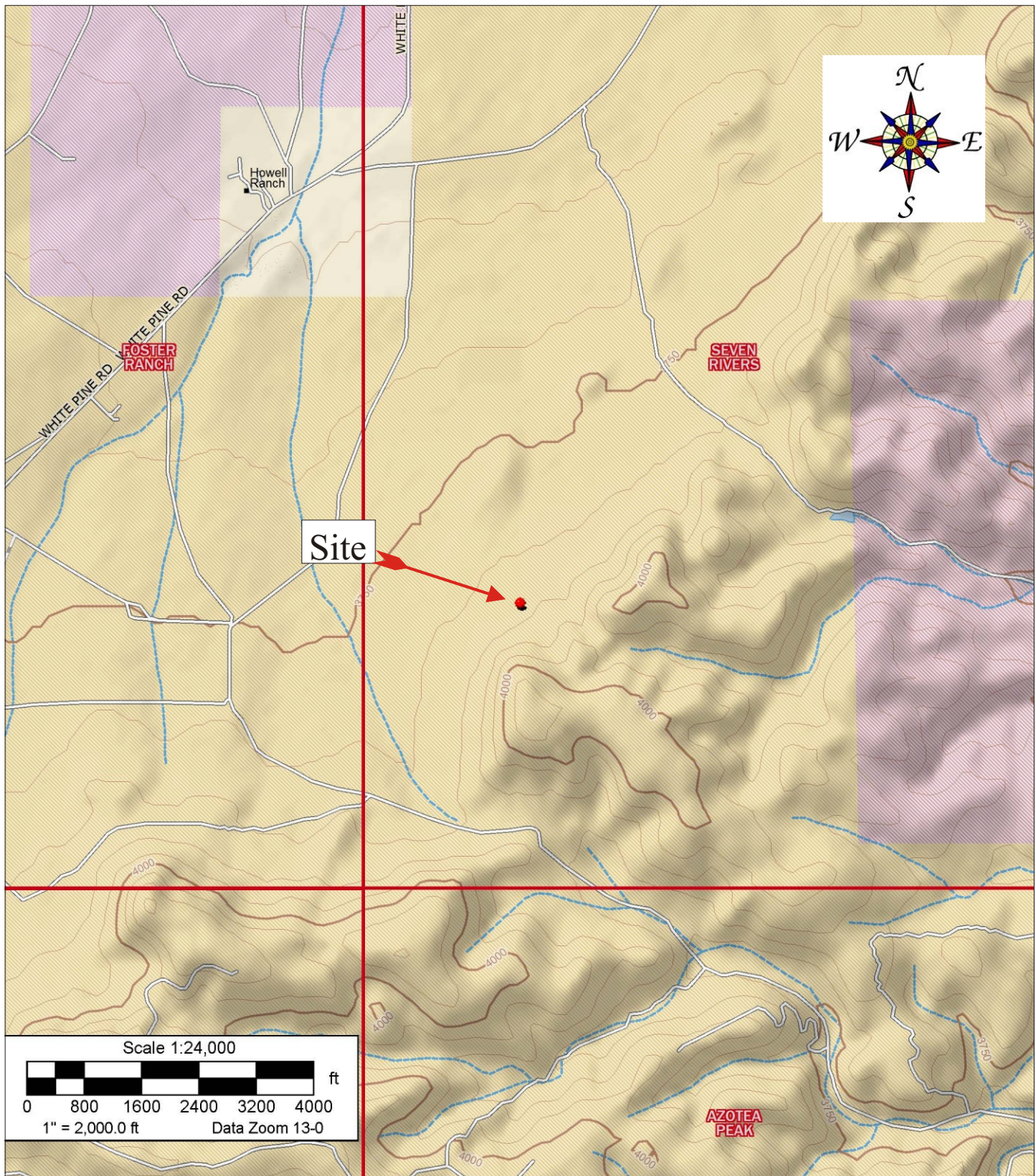


Figure 1, *Vicinity Map*

Figure 2, *Site Map*

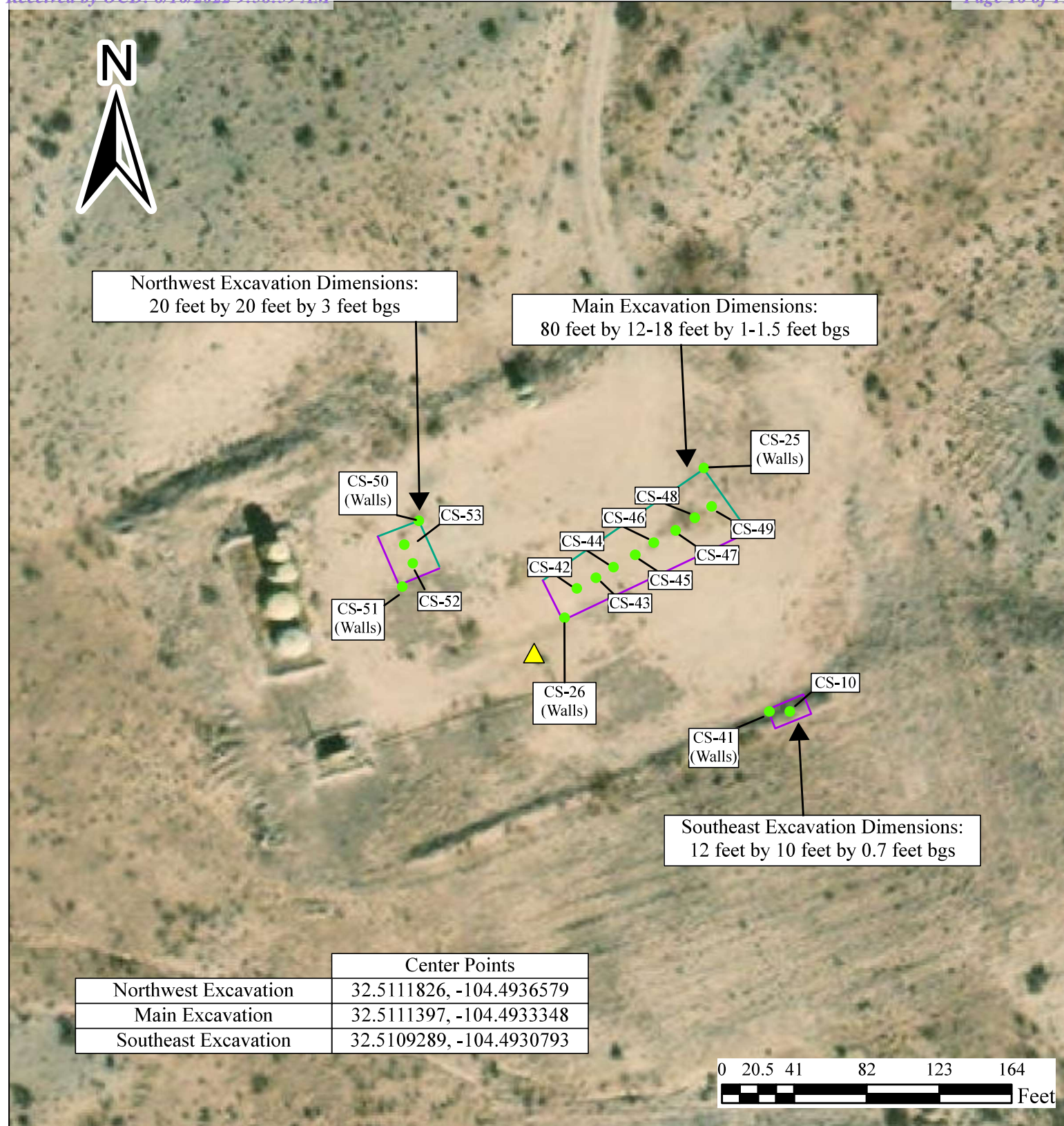


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Source: 7.5 Minute, Seven Rivers, New Mexico U.S.G.S. Topographic Quadrangle Map
 Scale: 1:24,000 1" = 2,000

EOG Resources Site Assessment Report Dazed BDZ Federal Com #2 Unit E, Section3, T21S, R24E Eddy County, New Mexico 32.511004, -104.493439		 ENVIRONMENTAL SCIENTISTS & ENGINEERS		Vicinity Map	
Project Number: 19034-0008		Date Drawn: 02/17/2022		Figure #1	
5796 U.S. HIGHWAY 64 Farmington, New Mexico 87401 505.632.0615		DRAWN BY: Brittany Hall		PROJECT MANAGER: Felipe Aragon	



Legend

- Base confirmation sample
BELOW regulatory limit
- Wall Composite Sample
- ▲ Dazed BDZ Federal Com #2
P&A Marker

Figure 2, Site Map

EOG Resources
Remediation and Closure Report
Dazed BDZ Federal Com #2
API: 30-015-33428
Eddy County, New Mexico
Section 3, Township 21S, Range 24E



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

Date Drawn: 08/11/2022
Drawn by: C. Todacheenie

Tables



Table 1, *Summary of Soil Analytical Results*



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Table 1, Summary of Soil Analytical Results
EOG Resources-nAPP2202733281
Remediation Excavation Closure Report
Dazed BDZ Federal Com #2; API: 30-015-33428
Section 3, Township 21S, Range 24E
Eddy County, New Mexico
Project #19034-0008

Sample Description	Date	Sample Description & Depth (ft)	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 Closure Criteria (Table 1 - 19.15.29.13 NMAC)			100 mg/kg			10 mg/kg	50 mg/kg	600 mg/kg
CS-10	3/15/2022	Southeast - Base @ 0.7	<20.0	<25.0	<50.0	<0.025	<0.1	<200
CS-11		Northwest Base @ 2.3	<20.0	<25.0	<50.0	<0.025	<0.1	2,900
CS-12		Northwest Walls @ 0-2.3	<20.0	<25.0	<50.0	<0.025	<0.1	205
CS-13		Main Base @ 1.2	<20.0	<25.0	<50.0	<0.025	<0.1	1,580
CS-14		Main Base @ 1.2	<20.0	<25.0	<50.0	<0.025	<0.1	2,500
CS-23	4/14/2022	Main Base @ 1.5	<20.0	<25.0	<50.0	<0.025	0.0768	367
CS-24		Main Base @ 1.5	<20.0	<25.0	<50.0	<0.025	<0.1	260
CS-25		Main Walls @ 0-1.5	<20.0	<25.0	<50.0	<0.025	<0.1	271
CS-26		Main Walls @ 0-1.5	<20.0	<25.0	<50.0	<0.025	<0.1	325
CS-27		Northwest Base @ 3	<20.0	<25.0	<50.0	<0.025	<0.1	281
CS-41	8/9/2022	Southeast Walls @ 0-0.7	<20.0	<25.0	<50.0	<0.025	<0.1	347
CS-42		Main Base @ 1.5	<20.0	<25.0	<50.0	<0.025	<0.1	<200
CS-43		Main Base @ 1.5	<20.0	<25.0	<50.0	<0.025	<0.1	<200
CS-44		Main Base @ 1.5	<20.0	<25.0	<50.0	<0.025	<0.1	<200
CS-45		Main Base @ 1.5	<20.0	<25.0	<50.0	<0.025	<0.1	352
CS-46		Main Base @ 1.5	<20.0	<25.0	<50.0	<0.025	<0.1	284
CS-47		Main Base @ 1.5	<20.0	<25.0	<50.0	<0.025	<0.1	<200
CS-48		Main Base @ 1.5	<20.0	<25.0	<50.0	<0.025	<0.1	<200
CS-49		Main Base @ 1.5	<20.0	<25.0	<50.0	<0.025	<0.1	<200
CS-50		Northwest Wall @ 0-3	<20.0	<25.0	<50.0	<0.025	<0.1	271
CS-51		Northwest Wall @ 0-3	<20.0	<25.0	<50.0	<0.025	<0.1	306
CS-52		Northwest Base @ 3	<20.0	<25.0	<50.0	<0.025	<0.1	<200
CS-53		Northwest Base @ 3	<20.0	<25.0	<50.0	<0.025	<0.1	<200

BOLD - above regulatory standard

Samples used for closure



Practical Solutions for a Better Tomorrow

Appendix A



Siting Criteria Documentation



Practical Solutions for a Better Tomorrow

Site Name:	Dazed BDZ Federal Com #2			
API #:	30-015-33428			
Lat/Long:	32.5109634, -104.4934998			
TRS:	Unit E Section 3 T21S Range 24E			
Land Jurisdiction:	Federal			
County:	Eddy			
Wellhead Protection Area Assessment				
Water Source Type (well/spring/stock pond)	ID	Latitude	Longitude	Distance
Distance to Nearest Significant Watercourse				
Depth to Groundwater Determination				
Cathodic Report/Site Specific Hydrogeology	Prior ranking indicates DTW = 65 ft (Dec 27, 2007 C-141)			
Elevation Differential	Water Well 3,360 ft, Well Site 3,830 ft = 470 ft			
Water Wells	C-03245 DTW=100 ft; 6,944 feet from well site			
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 - right at 1,000 feet	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 <input type="checkbox"/>	50-100 <input checked="" type="checkbox"/>	>100 <input type="checkbox"/>	
Benzene	10	10	10	
BTEX (mg/kg)	50	50	50	
8015 TPH (GRO/DRO) (mg/kg)	Not Applicable	1,000	1,000	
8015 TPH (GRO/DRO/MRO) (mg/kg)	100	2,500	2,500	
Chlorides (mg/kg)	600	10,000	20,000	



Practical Solutions of a Better Tomorrow

District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W Grand Avenue, 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
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

30-015-33428
NMLB0615952053

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company Yates Petroleum Corporation	OGRID Number 25575	Contact Robert Asher
Address 104 S. 4 TH Street	Telephone No. 505-748-1471	
Facility Name Dazed BDZ Federal Com. #2	API Number 30-015-33428	Facility Type Battery

Surface Owner Federal	Mineral Owner Federal	Lease No. NM-0230377-B
--------------------------	--------------------------	---------------------------

LOCATION OF RELEASE

Unit Letter E	Section 3	Township 21S	Range 24E	Feet from the 3400	North/South Line South	Feet from the 660	East/West Line West	County Eddy
------------------	--------------	-----------------	--------------	-----------------------	---------------------------	----------------------	------------------------	----------------

Latitude 32.51079 Longitude 104.49284

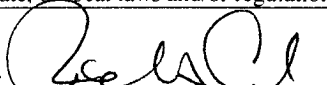
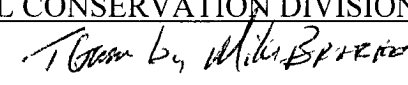
NATURE OF RELEASE

Type of Release Condensate & Produced Water	Volume of Release 5 B/O and 5 B/W	Volume Recovered 0 B/O & 0 B/W
Source of Release Water Tank	Date and Hour of Occurrence 4/3/2006 PM	Date and Hour of Discovery 4/3/2006 AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? N/A	
By Whom? N/A	Date and Hour N/A	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	
If a Watercourse was Impacted, Describe Fully.* N/A		

Describe Cause of Problem and Remedial Action Taken.*
Well unloaded more water than normal, causing water tank to overflow. A second tank will be installed.

Describe Area Affected and Cleanup Action Taken.*
An approximate area of 5' X 35', inside bermed area. Contaminated soils excavated and placed on plastic. Soils taken to an OCD approved facility. Samples taken (6/20/2006; 9/10/2007 & 9/20/2007), continued excavating contaminated soils until sample results were within OCD Guidelines for the site ranking. All excavated soils were taken to an OCD approved facility. **Depth to Ground Water: 50'-99' (approx. 65'), Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 10. With enclosed information, Yates Petroleum Corporation requests closure.**

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: 	OIL CONSERVATION DIVISION 	
Printed Name: Robert Asher	Approved by District Supervisor:	
Title: Environmental Regulatory Agent	Approval Date: 12/15/08	Expiration Date: N/A
E-mail Address: boba@ypcnm.com	Conditions of Approval: N/A	Attached <input type="checkbox"/>
Date: Thursday, December 27, 2007	Phone: 505-748-4217	

* Attach Additional Sheets If Necessary

2RP-28



| Feet ▼

Measurement Result

1,621.9 Feet

Clear

Press CTRL to enable snapping



D-015-33428



Appendix B



Field Notes



Practical Solutions for a Better Tomorrow

CLIENT:

CLIENT/JOB #:

START DATE:

FINISH DATE:

Page #

EOG

19034-0008

3/15/2022

3/15/2022

of

envirotech

505-632-0615

1-800-362-1879

5796 US Highway 64

Farmington, NM 87401

Envmtl. Spclst:

Onsite:

Offsite:

LAT:

LONG:

Envmtl. Spclst:

R. Garcia

LOCATION:

Name:

County:

Cause of Release:

QUAD/UNIT:

SEC:

TWP:

RNG:

PM:

Well #:

State:

Material Released:

Amt. Released:

Spill Located Approximately:

Excavation Approx:

Disposal Facility:

Land Use:

Land Owner:

REGULATORY AGENCY:

TPH CLOSURE STD:

ADDITIONAL CLOSURE REQUIREMENTS:

envirotech

505-632-0615

1-800-362-1879

5796 US Highway 64

Farmington, NM 87401

Envmtl. Spclst:

Onsite:

Offsite:

LAT:

LONG:

Envmtl. Spclst:

R. Garcia

LOCATION:

Name:

County:

Cause of Release:

QUAD/UNIT:

SEC:

TWP:

RNG:

PM:

Well #:

State:

Material Released:

Amt. Released:

Spill Located Approximately:

Excavation Approx:

Disposal Facility:

Land Use:

Land Owner:

REGULATORY AGENCY:

TPH CLOSURE STD:

ADDITIONAL CLOSURE REQUIREMENTS:

envirotech

505-632-0615

1-800-362-1879

5796 US Highway 64

Farmington, NM 87401

Envmtl. Spclst:

Onsite:

Offsite:

LAT:

LONG:

Envmtl. Spclst:

R. Garcia

LOCATION:

Name:

County:

Cause of Release:

QUAD/UNIT:

SEC:

TWP:

RNG:

PM:

Well #:

State:

Material Released:

Amt. Released:

Spill Located Approximately:

Excavation Approx:

Disposal Facility:

Land Use:

Land Owner:

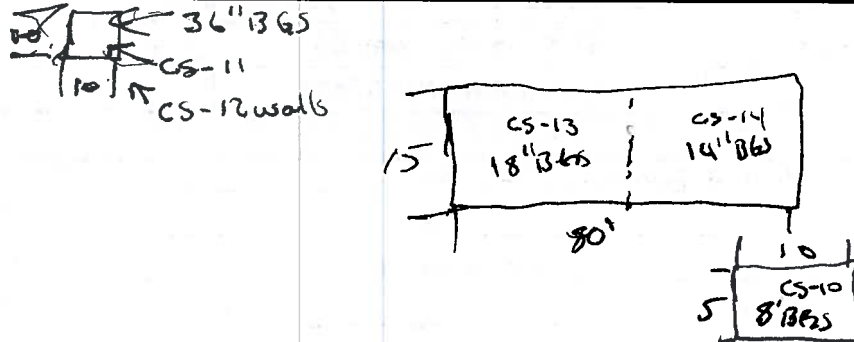
REGULATORY AGENCY:

TPH CLOSURE STD:

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

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:



Daily Spill Visit Report

Client:	EOG Resources	Inspection Date:	3/15/2022
Site Location Name:	Dazed BDZ Federal Com #2	Report Run Date:	3/24/2022 9:16 PM
Client Contact Name:	Bob Asher	API #:	
Client Contact Phone #:	575-365-4021		
Unique Project ID	19034-Dazed BDZ Federal Com #2	Project Owner:	F.Aragon
Project Reference #	19034-0008	Project Manager:	B. Hall

Summary of Times

Arrived at Site 3/15/2022 7:00 AM

Departed Site

Field Notes

Next Steps & Recommendations

1

Daily Spill Visit Report

Site Photos

Viewing Direction: East



SE excavation confirmation sample (CS-10)

Viewing Direction: East



Main excavation west confirmation sample (CS-13)

Viewing Direction: East



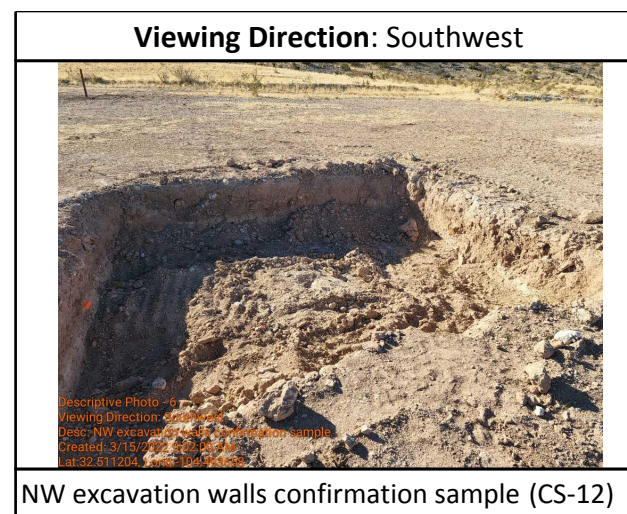
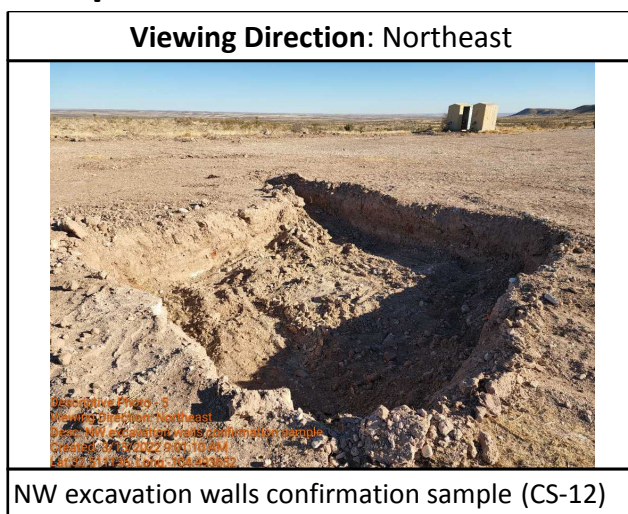
Main excavation east confirmation sample (CS-14)

Viewing Direction: East



NW excavation base confirmation sample (CS-11)

Daily Spill Visit Report





Daily Spill Visit Report

Daily Site Visit Signature

Inspector: Isaac Garcia

Signature:



Daily Spill Visit Report

Client:	EOG Resources	Inspection Date:	4/12/2022
Site Location Name:	Dazed BDZ Federal Com #2	Report Run Date:	4/25/2022 6:37 PM
Client Contact Name:	Bob Asher	API #:	
Client Contact Phone #:	575-365-4021		
Unique Project ID	19034-Dazed BDZ Federal Com #2	Project Owner:	F.Aragon
Project Reference #	19034-0008	Project Manager:	B. Hall

Summary of Times

Arrived at Site 4/12/2022 7:00 AM

Departed Site

Field Notes

Next Steps & Recommendations

1

Daily Spill Visit Report

Site Photos

Viewing Direction: North



Further excavation of base main section 1

Viewing Direction: East



Futher excavation of base main section 2




Daily Spill Visit Report

Daily Site Visit Signature

Inspector: Isaac Garcia

Signature:

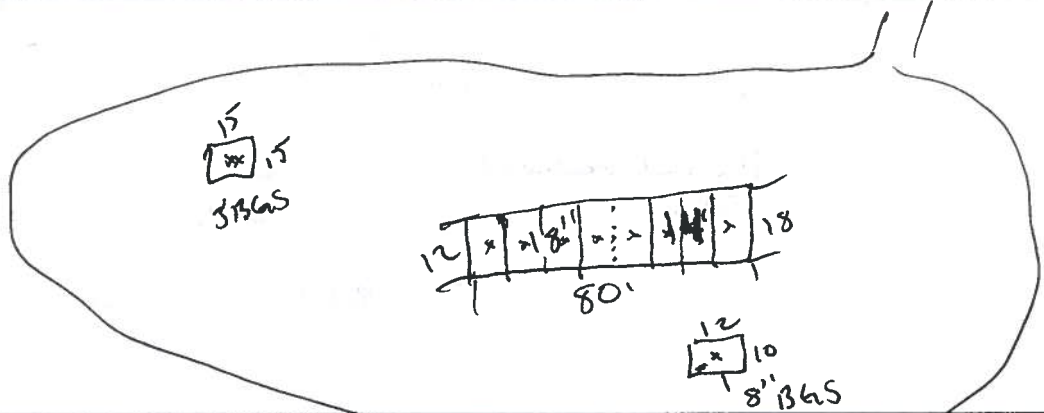
CLIENT: <u>EOG</u>	 envirotech 505-632-0615 1-800-362-1879 5796 US Highway 64 Farmington, NM 87401	Envmtl. Spclst: <u>T. Garcia</u>	
CLIENT/JOB #: <u>19034-0019</u>		Onsite: <u>7:45</u>	Offsite: _____
START DATE: <u>8/8/2022</u>		LAT: <u>32.511090</u>	LONG: <u>-104.493546</u>
FINISH DATE: _____			
Page # <u>1</u> of <u>6</u>			

LOCATION:	Name: <u>Dazord Federal</u>	Well #: <u>2</u>	API: _____
	County: <u>Edgely</u>	State: <u>NM</u>	HWY-MM: _____
Cause of Release: _____	Material Released: _____	Amt. Released: _____	
QUAD/UNIT: _____	SEC: <u>3</u>	TWP: <u>21S</u>	RNG: <u>24E</u> PM: _____
Spill Located Approximately: _____ FT. FROM _____			
Excavation Approx: _____ FT. X _____ FT. X _____ FT. Volume (cy/tons): _____			
Disposal Facility: _____			
Land Use: _____ Land Owner: _____			
REGULATORY AGENCY: _____		TPH CLOSURE STD: _____	
ADDITIONAL CLOSURE REQUIREMENTS: _____			

SAMPLE NAME	TIME COLLECTED	DESCRIPTION	VOC		TPH (Method 418.1)			Chloride	
			TIME	PID/OV ppm	TIME	READING	CALC ppm	TIME	mg/kg
CS-28		SE Wells			15:15	28	112	13:57	274
CS-29		Main 1			15:32	31	124	13:52	160
CS-30		Main 2			15:40	33	132	13:53	189
CS-31		Main 3			15:42	31	124	13:54	142
CS-32		Main 4			15:44	29	116	13:55	189
CS-33		Main 5			15:47	34	136	13:56	315
CS-34		Main 6			15:48	20	80	13:57	111
CS-35		Main 7			15:51	30	120	13:58	89
CS-36		Main 8			15:54	34	136	13:59	85
CS-37		NW Wells SW			15:56	30	120	14:00	428
CS-38		NW Wells NE			15:58	34	136	14:01	255

NOTES: Include laboratory analysis information									
CS-COMPOSITE SAMPLE	<u>CS-39 NW Base 1</u>				<u>16:01</u>	<u>36</u>	<u>144</u>	<u>14:02</u>	<u>142</u>
GS-GRAB SAMPLE	<u>CS-40 NW Base 2</u>				<u>16:04</u>	<u>32</u>	<u>128</u>	<u>14:03</u>	<u>160</u>
SB-SOIL BORING									
TP-TEST PIT									
DU- DECISION UNIT									
ST-STATION									
<u>200 Standard 15:31 (181)</u>									

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:

Appendix C



Site Photography



Practical Solutions for a Better Tomorrow

Site Photography
EOG Resources
Remediation Excavation Closure Report
Dazed BDZ Federal Com #2 Well Site
Eddy County, New Mexico
Project #19034-0008
May 25, 2022



Picture 1: P&A Marker



Picture 2: View of Pin Flagged Area East of P&A Marker

Site Photography
EOG Resources
Remediation Excavation Closure Report
Dazed BDZ Federal Com #2 Well Site
Eddy County, New Mexico
Project #19034-0008
May 25, 2022



Picture 3: View of Pin Flagged Area in Southeast Corner of Well Pad



Picture 4: View of Pin Flagged Area in Northwest of P&A Marker

Site Photography
EOG Resources
Remediation Excavation Closure Report
Dazed BDZ Federal Com #2 Well Site
Eddy County, New Mexico
Project #19034-0008
May 25, 2022



Picture 5: View of Southeast Excavation



Picture 6: View of Northwest Excavation

Site Photography
EOG Resources
Remediation Excavation Closure Report
Dazed BDZ Federal Com #2 Well Site
Eddy County, New Mexico
Project #19034-0008
May 25, 2022



Picture 7: View 1 of Main Excavation



Picture 8: View 2 of Main Excavation

Site Photography
EOG Resources
Remediation Excavation Closure Report
Dazed BDZ Federal Com #2 Well Site
Eddy County, New Mexico
Project #19034-0008
May 25, 2022

March 15, 2022



Picture 9: CS-10



Picture 10: CS-11

Site Photography
EOG Resources
Remediation Excavation Closure Report
Dazed BDZ Federal Com #2 Well Site
Eddy County, New Mexico
Project #19034-0008
May 25, 2022



Picture 11: View 1 of CS-12

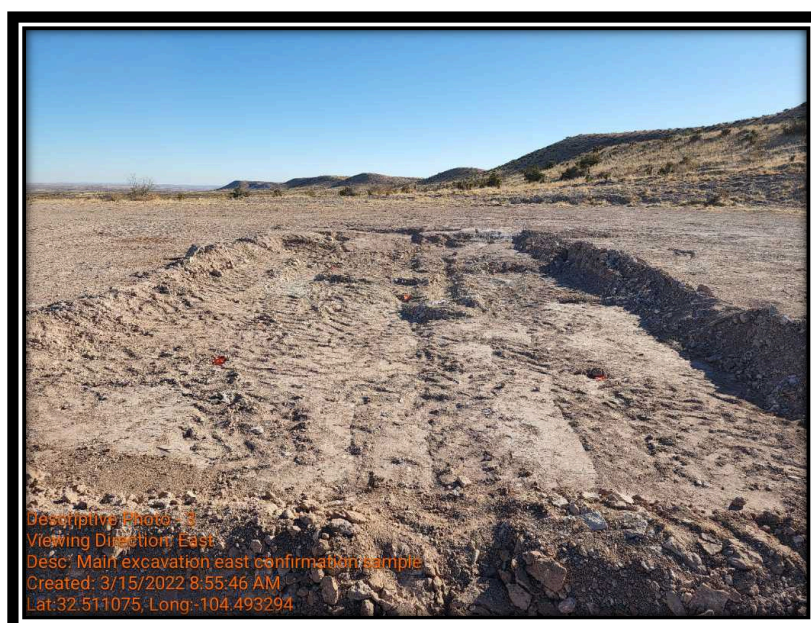


Picture 12: View 2 of CS-12

Site Photography
EOG Resources
Remediation Excavation Closure Report
Dazed BDZ Federal Com #2 Well Site
Eddy County, New Mexico
Project #19034-0008
May 25, 2022



Picture 13: CS-13



Picture 14: CS-14

Site Photography
EOG Resources
Remediation Excavation Closure Report
Dazed BDZ Federal Com #2 Well Site
Eddy County, New Mexico
Project #19034-0008
May 25, 2022

April 14, 2022



Picture 15: CS-23 through CS-26 (looking East)



Picture 16: CS-27

Site Photography
EOG Resources
Remediation Excavation Closure Report
Dazed BDZ Federal Com #2 Well Site
Eddy County, New Mexico
Project #19034-0008
May 25, 2022



Picture 17: View of Backfilled Area



Picture 18: View of Backfilled Area

Site Photography
EOG Resources
Remediation Excavation Closure Report
Dazed BDZ Federal Com #2 Well Site
Eddy County, New Mexico
Project #19034-0008
May 25, 2022



Picture 19: View of Backfilled Area



Picture 20: View of Backfilled Area

Appendix D

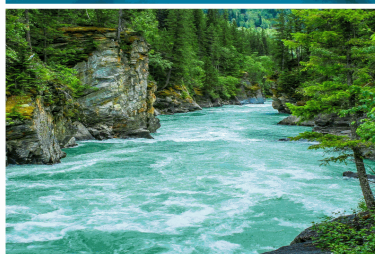


Laboratory Analytical Report



Practical Solutions for a Better Tomorrow

Report to:
Felipe Aragon



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: Dazed Federal #2

Work Order: E203098

Job Number: 19034-0008

Received: 3/16/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/23/22

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: 3/23/22



Felipe Aragon
104 South 4th Street
Artesia, NM 88210

Project Name: Dazed Federal #2
Workorder: E203098
Date Received: 3/16/2022 7:30:00AM

Felipe Aragon,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/16/2022 7:30:00AM, under the Project Name: Dazed Federal #2.

The analytical test results summarized in this report with the Project Name: Dazed Federal #2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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

Field Offices:

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

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Dazed Federal #2 Project Number: 19034-0008 Project Manager: Felipe Aragon	Reported: 03/23/22 15:01
--	--	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS - 10	E203098-01A	Soil	03/15/22	03/16/22	Glass Jar, 4 oz.
	E203098-01B	Soil	03/15/22	03/16/22	Glass Jar, 4 oz.
CS - 11	E203098-02A	Soil	03/15/22	03/16/22	Glass Jar, 4 oz.
	E203098-02B	Soil	03/15/22	03/16/22	Glass Jar, 4 oz.
CS - 12	E203098-03A	Soil	03/15/22	03/16/22	Glass Jar, 4 oz.
	E203098-03B	Soil	03/15/22	03/16/22	Glass Jar, 4 oz.
CS - 13	E203098-04A	Soil	03/15/22	03/16/22	Glass Jar, 4 oz.
	E203098-04B	Soil	03/15/22	03/16/22	Glass Jar, 4 oz.
CS - 14	E203098-05A	Soil	03/15/22	03/16/22	Glass Jar, 4 oz.
	E203098-05B	Soil	03/15/22	03/16/22	Glass Jar, 4 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Dazed Federal #2 Project Number: 19034-0008 Project Manager: Felipe Aragon	Reported: 3/23/2022 3:01:13PM
--	--	---

CS - 10

E203098-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2212081	
Benzene	ND	0.0250	1	03/18/22	03/20/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/20/22	
Toluene	ND	0.0250	1	03/18/22	03/20/22	
o-Xylene	ND	0.0250	1	03/18/22	03/20/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/20/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/20/22	
Surrogate: 4-Bromochlorobenzene-PID	93.3 %	70-130		03/18/22	03/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2212081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	99.6 %	70-130		03/18/22	03/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2213020	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/22/22	03/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/22/22	03/23/22	
Surrogate: n-Nonane	92.2 %	50-200		03/22/22	03/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2213005	
Chloride	ND	200	10	03/21/22	03/21/22	



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Dazed Federal #2 Project Number: 19034-0008 Project Manager: Felipe Aragon	Reported: 3/23/2022 3:01:13PM
--	--	----------------------------------

CS - 11

E203098-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2212081	
Benzene	ND	0.0250	1	03/18/22	03/20/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/20/22	
Toluene	ND	0.0250	1	03/18/22	03/20/22	
o-Xylene	ND	0.0250	1	03/18/22	03/20/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/20/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/20/22	
Surrogate: 4-Bromochlorobenzene-PID	94.4 %	70-130		03/18/22	03/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2212081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	99.9 %	70-130		03/18/22	03/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2213020	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/22/22	03/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/22/22	03/23/22	
Surrogate: n-Nonane	88.8 %	50-200		03/22/22	03/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2213005	
Chloride	2900	100	5	03/21/22	03/21/22	



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Dazed Federal #2 Project Number: 19034-0008 Project Manager: Felipe Aragon	Reported: 3/23/2022 3:01:13PM
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CS - 12

E203098-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2212081	
Benzene	ND	0.0250	1	03/18/22	03/20/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/20/22	
Toluene	ND	0.0250	1	03/18/22	03/20/22	
o-Xylene	ND	0.0250	1	03/18/22	03/20/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/20/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/20/22	
Surrogate: 4-Bromochlorobenzene-PID	93.4 %	70-130		03/18/22	03/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2212081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	99.4 %	70-130		03/18/22	03/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2213020	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/22/22	03/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/22/22	03/23/22	
Surrogate: n-Nonane	88.5 %	50-200		03/22/22	03/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2213005	
Chloride	205	200	10	03/21/22	03/21/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Dazed Federal #2
Project Number: 19034-0008
Project Manager: Felipe Aragon

Reported:
3/23/2022 3:01:13PM

CS - 13

E203098-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2212081	
Benzene	ND	0.0250	1	03/18/22	03/20/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/20/22	
Toluene	ND	0.0250	1	03/18/22	03/20/22	
o-Xylene	ND	0.0250	1	03/18/22	03/20/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/20/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/20/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.7 %	70-130	03/18/22	03/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2212081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/20/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		100 %	70-130	03/18/22	03/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2213020	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/22/22	03/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/22/22	03/23/22	
<i>Surrogate: n-Nonane</i>		89.9 %	50-200	03/22/22	03/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2213005	
Chloride	1580	200	10	03/21/22	03/21/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Dazed Federal #2
Project Number: 19034-0008
Project Manager: Felipe Aragon

Reported:
3/23/2022 3:01:13PM

CS - 14

E203098-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2212081	
Benzene	ND	0.0250	1	03/18/22	03/20/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/20/22	
Toluene	ND	0.0250	1	03/18/22	03/20/22	
o-Xylene	ND	0.0250	1	03/18/22	03/20/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/20/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/20/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.5 %	70-130		03/18/22	03/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2212081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/20/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	98.9 %	70-130		03/18/22	03/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2213020	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/22/22	03/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/22/22	03/23/22	
<i>Surrogate: n-Nonane</i>	91.3 %	50-200		03/22/22	03/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2213005	
Chloride	2500	400	20	03/21/22	03/21/22	



QC Summary Data

EOG Resources	Project Name:	Dazed Federal #2	Reported:
104 South 4th Street	Project Number:	19034-0008	
Artesia NM, 88210	Project Manager:	Felipe Aragon	3/23/2022 3:01:13PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2212081-BLK1)

Prepared: 03/18/22 Analyzed: 03/20/22

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	7.46		8.00		93.2	70-130			

LCS (2212081-BS1)

Prepared: 03/18/22 Analyzed: 03/20/22

Benzene	3.80	0.0250	5.00		76.0	70-130			
Ethylbenzene	4.13	0.0250	5.00		82.6	70-130			
Toluene	4.18	0.0250	5.00		83.6	70-130			
o-Xylene	4.27	0.0250	5.00		85.5	70-130			
p,m-Xylene	8.40	0.0500	10.0		84.0	70-130			
Total Xylenes	12.7	0.0250	15.0		84.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.5	70-130			

Matrix Spike (2212081-MS1)

Source: E203099-21

Prepared: 03/18/22 Analyzed: 03/20/22

Benzene	3.92	0.0250	5.00	ND	78.4	54-133			
Ethylbenzene	4.32	0.0250	5.00	ND	86.4	61-133			
Toluene	4.34	0.0250	5.00	ND	86.7	61-130			
o-Xylene	4.44	0.0250	5.00	ND	88.8	63-131			
p,m-Xylene	8.78	0.0500	10.0	ND	87.8	63-131			
Total Xylenes	13.2	0.0250	15.0	ND	88.2	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.8	70-130			

Matrix Spike Dup (2212081-MSD1)

Source: E203099-21

Prepared: 03/18/22 Analyzed: 03/20/22

Benzene	3.94	0.0250	5.00	ND	78.8	54-133	0.497	20	
Ethylbenzene	4.32	0.0250	5.00	ND	86.5	61-133	0.0995	20	
Toluene	4.35	0.0250	5.00	ND	86.9	61-130	0.215	20	
o-Xylene	4.46	0.0250	5.00	ND	89.1	63-131	0.377	20	
p,m-Xylene	8.78	0.0500	10.0	ND	87.8	63-131	0.0723	20	
Total Xylenes	13.2	0.0250	15.0	ND	88.2	63-131	0.0786	20	
Surrogate: 4-Bromochlorobenzene-PID	7.50		8.00		93.8	70-130			



QC Summary Data

EOG Resources	Project Name:	Dazed Federal #2	Reported:
104 South 4th Street	Project Number:	19034-0008	
Artesia NM, 88210	Project Manager:	Felipe Aragon	3/23/2022 3:01:13PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2212081-BLK1)

Prepared: 03/18/22 Analyzed: 03/20/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.04		8.00		101	70-130			

LCS (2212081-BS2)

Prepared: 03/18/22 Analyzed: 03/20/22

Gasoline Range Organics (C6-C10)	50.6	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.18		8.00		102	70-130			

Matrix Spike (2212081-MS2)

Source: E203099-21

Prepared: 03/18/22 Analyzed: 03/20/22

Gasoline Range Organics (C6-C10)	49.3	20.0	50.0	ND	98.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.22		8.00		103	70-130			

Matrix Spike Dup (2212081-MSD2)

Source: E203099-21

Prepared: 03/18/22 Analyzed: 03/20/22

Gasoline Range Organics (C6-C10)	49.4	20.0	50.0	ND	98.7	70-130	0.111	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.15		8.00		102	70-130			



QC Summary Data

EOG Resources	Project Name:	Dazed Federal #2	Reported:
104 South 4th Street	Project Number:	19034-0008	
Artesia NM, 88210	Project Manager:	Felipe Aragon	3/23/2022 3:01:13PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2213020-BLK1)

Prepared: 03/22/22 Analyzed: 03/22/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.1		50.0		88.3	50-200			

LCS (2213020-BS1)

Prepared: 03/22/22 Analyzed: 03/22/22

Diesel Range Organics (C10-C28)	460	25.0	500		92.0	38-132			
Surrogate: n-Nonane	43.7		50.0		87.3	50-200			

Matrix Spike (2213020-MS1)

Source: E203099-23

Prepared: 03/22/22 Analyzed: 03/22/22

Diesel Range Organics (C10-C28)	472	25.0	500	ND	94.4	38-132			
Surrogate: n-Nonane	43.5		50.0		87.0	50-200			

Matrix Spike Dup (2213020-MSD1)

Source: E203099-23

Prepared: 03/22/22 Analyzed: 03/22/22

Diesel Range Organics (C10-C28)	472	25.0	500	ND	94.4	38-132	0.0266	20	
Surrogate: n-Nonane	44.4		50.0		88.8	50-200			



QC Summary Data

EOG Resources	Project Name:	Dazed Federal #2	Reported:
104 South 4th Street	Project Number:	19034-0008	
Artesia NM, 88210	Project Manager:	Felipe Aragon	3/23/2022 3:01:13PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2213005-BLK1)

Prepared: 03/21/22 Analyzed: 03/21/22

Chloride	ND	20.0							
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LCS (2213005-BS1)

Prepared: 03/21/22 Analyzed: 03/21/22

Chloride	252	20.0	250		101	90-110			
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LCS Dup (2213005-BSD1)

Prepared: 03/21/22 Analyzed: 03/21/22

Chloride	255	20.0	250		102	90-110	1.22	20	
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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:	Dazed Federal #2	
104 South 4th Street	Project Number:	19034-0008	Reported:
Artesia NM, 88210	Project Manager:	Felipe Aragon	03/23/22 15:01

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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





envirotech

Envirotech Analytical Laboratory

Printed: 3/16/2022 8:26:24AM

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:	03/16/22 07:30	Work Order ID:	E203098
Phone:	(575) 748-4217	Date Logged In:	03/16/22 08:22	Logged In By:	Caitlin Christian
Email:	faragon@envirotech-inc.com	Due Date:	03/22/22 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

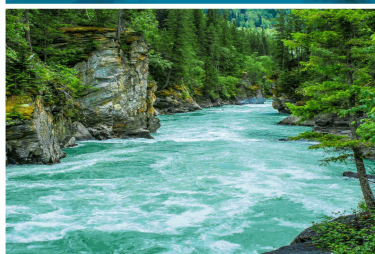
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Brittany Hall



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name: Dazed Federal #2

Work Order: E204089

Job Number: 19034-0008

Received: 4/15/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/20/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 4/20/22

Brittany Hall
104 South 4th Street
Artesia, NM 88210



Project Name: Dazed Federal #2
Workorder: E204089
Date Received: 4/15/2022 1:24:00PM

Brittany Hall,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/15/2022 1:24:00PM, under the Project Name: Dazed Federal #2.

The analytical test results summarized in this report with the Project Name: Dazed Federal #2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
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Cell: 775-287-1762
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Sample Summary

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Dazed Federal #2 Project Number: 19034-0008 Project Manager: Brittany Hall	Reported: 04/20/22 15:52
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS - 23	E204089-01A	Soil	04/14/22	04/15/22	Glass Jar, 4 oz.
	E204089-01B	Soil	04/14/22	04/15/22	Glass Jar, 4 oz.
CS - 24	E204089-02A	Soil	04/14/22	04/15/22	Glass Jar, 4 oz.
	E204089-02B	Soil	04/14/22	04/15/22	Glass Jar, 4 oz.
CS - 25	E204089-03A	Soil	04/14/22	04/15/22	Glass Jar, 4 oz.
	E204089-03B	Soil	04/14/22	04/15/22	Glass Jar, 4 oz.
CS - 26	E204089-04A	Soil	04/14/22	04/15/22	Glass Jar, 4 oz.
	E204089-04B	Soil	04/14/22	04/15/22	Glass Jar, 4 oz.
CS - 27	E204089-05A	Soil	04/14/22	04/15/22	Glass Jar, 4 oz.
	E204089-05B	Soil	04/14/22	04/15/22	Glass Jar, 4 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Dazed Federal #2 Project Number: 19034-0008 Project Manager: Brittany Hall	Reported: 4/20/2022 3:52:24PM
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CS - 23

E204089-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2217002	
Benzene	ND	0.0250	1	04/19/22	04/19/22	
Ethylbenzene	ND	0.0250	1	04/19/22	04/19/22	
Toluene	0.0768	0.0250	1	04/19/22	04/19/22	
o-Xylene	ND	0.0250	1	04/19/22	04/19/22	
p,m-Xylene	ND	0.0500	1	04/19/22	04/19/22	
Total Xylenes	ND	0.0250	1	04/19/22	04/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.2 %	70-130		04/19/22	04/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2217002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/19/22	04/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.0 %	70-130		04/19/22	04/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2217007	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/22	04/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/22	04/19/22	
<i>Surrogate: n-Nonane</i>	86.7 %	50-200		04/19/22	04/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CS		Batch: 2217004	
Chloride	367	200	10	04/19/22	04/19/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Dazed Federal #2
Project Number: 19034-0008
Project Manager: Brittany Hall

Reported:
4/20/2022 3:52:24PM

CS - 24

E204089-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2217002	
Benzene	ND	0.0250	1	04/19/22	04/19/22	
Ethylbenzene	ND	0.0250	1	04/19/22	04/19/22	
Toluene	ND	0.0250	1	04/19/22	04/19/22	
o-Xylene	ND	0.0250	1	04/19/22	04/19/22	
p,m-Xylene	ND	0.0500	1	04/19/22	04/19/22	
Total Xylenes	ND	0.0250	1	04/19/22	04/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.0 %	70-130		04/19/22	04/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2217002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/19/22	04/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.9 %	70-130		04/19/22	04/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AK		Batch: 2217007	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/22	04/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/22	04/19/22	
<i>Surrogate: n-Nonane</i>						
	91.3 %	50-200		04/19/22	04/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: CS		Batch: 2217004	
Chloride	260	200	10	04/19/22	04/19/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Dazed Federal #2
Project Number: 19034-0008
Project Manager: Brittany Hall

Reported:
4/20/2022 3:52:24PM

CS - 25

E204089-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2217002
Benzene	ND	0.0250	1	04/19/22	04/19/22	
Ethylbenzene	ND	0.0250	1	04/19/22	04/19/22	
Toluene	ND	0.0250	1	04/19/22	04/19/22	
o-Xylene	ND	0.0250	1	04/19/22	04/19/22	
p,m-Xylene	ND	0.0500	1	04/19/22	04/19/22	
Total Xylenes	ND	0.0250	1	04/19/22	04/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.9 %	70-130		04/19/22	04/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2217002
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/19/22	04/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.3 %	70-130		04/19/22	04/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2217007
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/22	04/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/22	04/19/22	
<i>Surrogate: n-Nonane</i>						
	88.9 %	50-200		04/19/22	04/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: CS		Batch: 2217004
Chloride	271	200	10	04/19/22	04/19/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Dazed Federal #2
Project Number: 19034-0008
Project Manager: Brittany Hall

Reported:
4/20/2022 3:52:24PM

CS - 26

E204089-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2217002
Benzene	ND	0.0250	1	04/19/22	04/19/22	
Ethylbenzene	ND	0.0250	1	04/19/22	04/19/22	
Toluene	ND	0.0250	1	04/19/22	04/19/22	
o-Xylene	ND	0.0250	1	04/19/22	04/19/22	
p,m-Xylene	ND	0.0500	1	04/19/22	04/19/22	
Total Xylenes	ND	0.0250	1	04/19/22	04/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.5 %	70-130		04/19/22	04/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2217002
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/19/22	04/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.9 %	70-130		04/19/22	04/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2217007
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/22	04/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/22	04/19/22	
<i>Surrogate: n-Nonane</i>						
	93.0 %	50-200		04/19/22	04/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: CS		Batch: 2217004
Chloride	325	200	10	04/19/22	04/19/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Dazed Federal #2
Project Number: 19034-0008
Project Manager: Brittany Hall

Reported:
4/20/2022 3:52:24PM

CS - 27

E204089-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2217002
Benzene	ND	0.0250	1	04/19/22	04/19/22	
Ethylbenzene	ND	0.0250	1	04/19/22	04/19/22	
Toluene	ND	0.0250	1	04/19/22	04/19/22	
o-Xylene	ND	0.0250	1	04/19/22	04/19/22	
p,m-Xylene	ND	0.0500	1	04/19/22	04/19/22	
Total Xylenes	ND	0.0250	1	04/19/22	04/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.2 %	70-130		04/19/22	04/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2217002
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/19/22	04/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.9 %	70-130		04/19/22	04/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2217007
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/22	04/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/22	04/19/22	
<i>Surrogate: n-Nonane</i>						
	95.8 %	50-200		04/19/22	04/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: CS		Batch: 2217004
Chloride	281	20.0	1	04/19/22	04/19/22	



QC Summary Data

EOG Resources	Project Name:	Dazed Federal #2	Reported:
104 South 4th Street	Project Number:	19034-0008	
Artesia NM, 88210	Project Manager:	Brittany Hall	4/20/2022 3:52:24PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2217002-BLK1)

Prepared: 04/19/22 Analyzed: 04/20/22

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 (2217002-BS1)

Prepared: 04/19/22 Analyzed: 04/19/22

Benzene	4.74	0.0250	5.00		94.9	70-130			
Ethylbenzene	4.56	0.0250	5.00		91.2	70-130			
Toluene	4.75	0.0250	5.00		95.0	70-130			
o-Xylene	4.77	0.0250	5.00		95.4	70-130			
p,m-Xylene	9.40	0.0500	10.0		94.0	70-130			
Total Xylenes	14.2	0.0250	15.0		94.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.41		8.00		105	70-130			

LCS Dup (2217002-BSD1)

Prepared: 04/19/22 Analyzed: 04/19/22

Benzene	4.93	0.0250	5.00		98.5	70-130	3.76	20	
Ethylbenzene	4.71	0.0250	5.00		94.2	70-130	3.18	20	
Toluene	4.92	0.0250	5.00		98.5	70-130	3.54	20	
o-Xylene	4.92	0.0250	5.00		98.4	70-130	3.13	20	
p,m-Xylene	9.70	0.0500	10.0		97.0	70-130	3.12	20	
Total Xylenes	14.6	0.0250	15.0		97.5	70-130	3.12	20	
Surrogate: 4-Bromochlorobenzene-PID	8.11		8.00		101	70-130			



QC Summary Data

EOG Resources	Project Name:	Dazed Federal #2	Reported:
104 South 4th Street	Project Number:	19034-0008	
Artesia NM, 88210	Project Manager:	Brittany Hall	4/20/2022 3:52:24PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2217002-BLK1)

Prepared: 04/19/22 Analyzed: 04/20/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.2	70-130			

LCS (2217002-BS2)

Prepared: 04/19/22 Analyzed: 04/20/22

Gasoline Range Organics (C6-C10)	47.3	20.0	50.0		94.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.0	70-130			

LCS Dup (2217002-BSD2)

Prepared: 04/19/22 Analyzed: 04/20/22

Gasoline Range Organics (C6-C10)	52.0	20.0	50.0		104	70-130	9.36	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.12		8.00		89.0	70-130			



QC Summary Data

EOG Resources	Project Name:	Dazed Federal #2	Reported:
104 South 4th Street	Project Number:	19034-0008	
Artesia NM, 88210	Project Manager:	Brittany Hall	4/20/2022 3:52:24PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2217007-BLK1)

Prepared: 04/19/22 Analyzed: 04/19/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.9		50.0		87.8	50-200			

LCS (2217007-BS1)

Prepared: 04/19/22 Analyzed: 04/19/22

Diesel Range Organics (C10-C28)	491	25.0	500		98.2	38-132			
Surrogate: n-Nonane	46.9		50.0		93.9	50-200			

Matrix Spike (2217007-MS1)

Source: E204089-02

Prepared: 04/19/22 Analyzed: 04/19/22

Diesel Range Organics (C10-C28)	479	25.0	500	ND	95.8	38-132			
Surrogate: n-Nonane	44.7		50.0		89.5	50-200			

Matrix Spike Dup (2217007-MSD1)

Source: E204089-02

Prepared: 04/19/22 Analyzed: 04/19/22

Diesel Range Organics (C10-C28)	487	25.0	500	ND	97.4	38-132	1.69	20	
Surrogate: n-Nonane	47.2		50.0		94.4	50-200			



QC Summary Data

EOG Resources	Project Name:	Dazed Federal #2	Reported:
104 South 4th Street	Project Number:	19034-0008	
Artesia NM, 88210	Project Manager:	Brittany Hall	4/20/2022 3:52:24PM

Anions by EPA 300.0/9056A

Analyst: CS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2217004-BLK1)

Prepared: 04/19/22 Analyzed: 04/19/22

Chloride	ND	20.0
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LCS (2217004-BS1)

Prepared: 04/19/22 Analyzed: 04/19/22

Chloride	247	20.0	250	98.8	90-110
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Matrix Spike (2217004-MS1)

Source: E204083-01

Prepared: 04/19/22 Analyzed: 04/19/22

Chloride	298	20.0	250	48.8	99.8	80-120
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Matrix Spike Dup (2217004-MSD1)

Source: E204083-01

Prepared: 04/19/22 Analyzed: 04/19/22

Chloride	300	20.0	250	48.8	101	80-120	0.755	20
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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:	Dazed Federal #2	
104 South 4th Street	Project Number:	19034-0008	Reported:
Artesia NM, 88210	Project Manager:	Brittany Hall	04/20/22 15:52

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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

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Envirotech Analytical Laboratory

Printed: 4/15/2022 1:55:57PM

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:	04/15/22 13:24	Work Order ID:	E204089
Phone:	(575) 748-4217	Date Logged In:	04/15/22 13:45	Logged In By:	Alexa Michaels
Email:	bhall@envirotech-inc.com	Due Date:	04/22/22 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Isaac GarciaComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

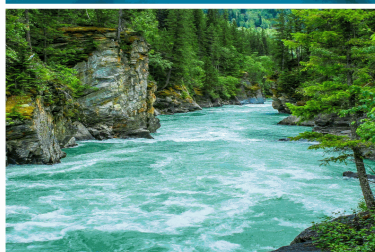
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Greg Crabtree



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name: Dazed Federal #2

Work Order: E208062

Job Number: 19034-0019

Received: 8/10/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/11/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 8/11/22

Greg Crabtree
104 South 4th Street
Artesia, NM 88210



Project Name: Dazed Federal #2
Workorder: E208062
Date Received: 8/10/2022 8:15:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/10/2022 8:15:00AM, under the Project Name: Dazed Federal #2.

The analytical test results summarized in this report with the Project Name: Dazed Federal #2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Dazed Federal #2 Project Number: 19034-0019 Project Manager: Greg Crabtree	Reported: 08/11/22 14:52
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-41	E208062-01A	Soil	08/09/22	08/10/22	Glass Jar, 4 oz.
CS-42	E208062-02A	Soil	08/09/22	08/10/22	Glass Jar, 4 oz.
CS-43	E208062-03A	Soil	08/09/22	08/10/22	Glass Jar, 4 oz.
CS-44	E208062-04A	Soil	08/09/22	08/10/22	Glass Jar, 4 oz.
CS-45	E208062-05A	Soil	08/09/22	08/10/22	Glass Jar, 4 oz.
CS-46	E208062-06A	Soil	08/09/22	08/10/22	Glass Jar, 4 oz.
CS-47	E208062-07A	Soil	08/09/22	08/10/22	Glass Jar, 4 oz.
CS-48	E208062-08A	Soil	08/09/22	08/10/22	Glass Jar, 4 oz.
CS-49	E208062-09A	Soil	08/09/22	08/10/22	Glass Jar, 4 oz.
CS-50	E208062-10A	Soil	08/09/22	08/10/22	Glass Jar, 4 oz.
CS-51	E208062-11A	Soil	08/09/22	08/10/22	Glass Jar, 4 oz.
CS-52	E208062-12A	Soil	08/09/22	08/10/22	Glass Jar, 4 oz.
CS-53	E208062-13A	Soil	08/09/22	08/10/22	Glass Jar, 4 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Dazed Federal #2 Project Number: 19034-0019 Project Manager: Greg Crabtree	Reported: 8/11/2022 2:52:02PM
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CS-41

E208062-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2233047	
Benzene	ND	0.0250	1	08/10/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/10/22	08/10/22	
Toluene	ND	0.0250	1	08/10/22	08/10/22	
o-Xylene	ND	0.0250	1	08/10/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/10/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/10/22	08/10/22	
<i>Surrogate: Bromofluorobenzene</i>	102 %	70-130		08/10/22	08/10/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	98.5 %	70-130		08/10/22	08/10/22	
<i>Surrogate: Toluene-d8</i>	105 %	70-130		08/10/22	08/10/22	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2233047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/10/22	08/10/22	
<i>Surrogate: Bromofluorobenzene</i>	102 %	70-130		08/10/22	08/10/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	98.5 %	70-130		08/10/22	08/10/22	
<i>Surrogate: Toluene-d8</i>	105 %	70-130		08/10/22	08/10/22	

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2233051	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/10/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/10/22	08/10/22	
<i>Surrogate: n-Nonane</i>	94.2 %	50-200		08/10/22	08/10/22	

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2233048	
Chloride	347	200	10	08/10/22	08/11/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Dazed Federal #2
Project Number: 19034-0019
Project Manager: Greg Crabtree

Reported:
8/11/2022 2:52:02PM

CS-42

E208062-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2233047
Benzene	ND	0.0250	1	08/10/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/10/22	08/10/22	
Toluene	ND	0.0250	1	08/10/22	08/10/22	
o-Xylene	ND	0.0250	1	08/10/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/10/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		08/10/22	08/10/22	
Surrogate: Toluene-d8	105 %	70-130		08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2233047
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		08/10/22	08/10/22	
Surrogate: Toluene-d8	105 %	70-130		08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2233051
Diesel Range Organics (C10-C28)	ND	25.0	1	08/10/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/10/22	08/10/22	
Surrogate: n-Nonane	93.9 %	50-200		08/10/22	08/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2233048
Chloride	ND	200	10	08/10/22	08/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Dazed Federal #2
Project Number: 19034-0019
Project Manager: Greg Crabtree

Reported:
8/11/2022 2:52:02PM

CS-43

E208062-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2233047
Benzene	ND	0.0250	1	08/10/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/10/22	08/10/22	
Toluene	ND	0.0250	1	08/10/22	08/10/22	
o-Xylene	ND	0.0250	1	08/10/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/10/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene		102 %	70-130	08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	08/10/22	08/10/22	
Surrogate: Toluene-d8		105 %	70-130	08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2233047
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene		102 %	70-130	08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	08/10/22	08/10/22	
Surrogate: Toluene-d8		105 %	70-130	08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2233051
Diesel Range Organics (C10-C28)	ND	25.0	1	08/10/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/10/22	08/10/22	
Surrogate: n-Nonane		96.7 %	50-200	08/10/22	08/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2233048
Chloride	ND	200	10	08/10/22	08/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Dazed Federal #2
Project Number: 19034-0019
Project Manager: Greg Crabtree

Reported:
8/11/2022 2:52:02PM

CS-44

E208062-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2233047
Benzene	ND	0.0250	1	08/10/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/10/22	08/10/22	
Toluene	ND	0.0250	1	08/10/22	08/10/22	
o-Xylene	ND	0.0250	1	08/10/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/10/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene	99.5 %	70-130		08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		08/10/22	08/10/22	
Surrogate: Toluene-d8	104 %	70-130		08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2233047
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene	99.5 %	70-130		08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		08/10/22	08/10/22	
Surrogate: Toluene-d8	104 %	70-130		08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2233051
Diesel Range Organics (C10-C28)	ND	25.0	1	08/10/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/10/22	08/10/22	
Surrogate: n-Nonane	101 %	50-200		08/10/22	08/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2233048
Chloride	ND	100	5	08/10/22	08/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Dazed Federal #2
Project Number: 19034-0019
Project Manager: Greg Crabtree

Reported:
8/11/2022 2:52:02PM

CS-45

E208062-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2233047
Benzene	ND	0.0250	1	08/10/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/10/22	08/10/22	
Toluene	ND	0.0250	1	08/10/22	08/10/22	
o-Xylene	ND	0.0250	1	08/10/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/10/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene	99.9 %	70-130		08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		08/10/22	08/10/22	
Surrogate: Toluene-d8	106 %	70-130		08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2233047
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene	99.9 %	70-130		08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		08/10/22	08/10/22	
Surrogate: Toluene-d8	106 %	70-130		08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2233051
Diesel Range Organics (C10-C28)	ND	25.0	1	08/10/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/10/22	08/10/22	
Surrogate: n-Nonane	93.9 %	50-200		08/10/22	08/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2233048
Chloride	352	100	5	08/10/22	08/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Dazed Federal #2
Project Number: 19034-0019
Project Manager: Greg Crabtree

Reported:
8/11/2022 2:52:02PM

CS-46

E208062-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2233047
Benzene	ND	0.0250	1	08/10/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/10/22	08/10/22	
Toluene	ND	0.0250	1	08/10/22	08/10/22	
o-Xylene	ND	0.0250	1	08/10/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/10/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene	98.6 %	70-130		08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4	94.6 %	70-130		08/10/22	08/10/22	
Surrogate: Toluene-d8	104 %	70-130		08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2233047
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene	98.6 %	70-130		08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4	94.6 %	70-130		08/10/22	08/10/22	
Surrogate: Toluene-d8	104 %	70-130		08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2233051
Diesel Range Organics (C10-C28)	ND	25.0	1	08/10/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/10/22	08/10/22	
Surrogate: n-Nonane	90.4 %	50-200		08/10/22	08/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2233048
Chloride	284	200	10	08/10/22	08/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Dazed Federal #2
Project Number: 19034-0019
Project Manager: Greg Crabtree

Reported:
8/11/2022 2:52:02PM

CS-47

E208062-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2233047
Benzene	ND	0.0250	1	08/10/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/10/22	08/10/22	
Toluene	ND	0.0250	1	08/10/22	08/10/22	
o-Xylene	ND	0.0250	1	08/10/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/10/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		08/10/22	08/10/22	
Surrogate: Toluene-d8	102 %	70-130		08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2233047
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		08/10/22	08/10/22	
Surrogate: Toluene-d8	102 %	70-130		08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2233051
Diesel Range Organics (C10-C28)	ND	25.0	1	08/10/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/10/22	08/10/22	
Surrogate: n-Nonane	107 %	50-200		08/10/22	08/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2233048
Chloride	ND	200	10	08/10/22	08/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Dazed Federal #2
Project Number: 19034-0019
Project Manager: Greg Crabtree

Reported:
8/11/2022 2:52:02PM

CS-48

E208062-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2233047
Benzene	ND	0.0250	1	08/10/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/10/22	08/10/22	
Toluene	ND	0.0250	1	08/10/22	08/10/22	
o-Xylene	ND	0.0250	1	08/10/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/10/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene		100 %	70-130	08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	08/10/22	08/10/22	
Surrogate: Toluene-d8		105 %	70-130	08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2233047
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene		100 %	70-130	08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	08/10/22	08/10/22	
Surrogate: Toluene-d8		105 %	70-130	08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2233051
Diesel Range Organics (C10-C28)	ND	25.0	1	08/10/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/10/22	08/10/22	
Surrogate: n-Nonane		101 %	50-200	08/10/22	08/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2233048
Chloride	ND	200	10	08/10/22	08/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Dazed Federal #2
Project Number: 19034-0019
Project Manager: Greg Crabtree

Reported:
8/11/2022 2:52:02PM

CS-49

E208062-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2233047
Benzene	ND	0.0250	1	08/10/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/10/22	08/10/22	
Toluene	ND	0.0250	1	08/10/22	08/10/22	
o-Xylene	ND	0.0250	1	08/10/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/10/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene		100 %	70-130	08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	08/10/22	08/10/22	
Surrogate: Toluene-d8		104 %	70-130	08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2233047
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene		100 %	70-130	08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	08/10/22	08/10/22	
Surrogate: Toluene-d8		104 %	70-130	08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2233051
Diesel Range Organics (C10-C28)	ND	25.0	1	08/10/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/10/22	08/10/22	
Surrogate: n-Nonane		91.2 %	50-200	08/10/22	08/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2233048
Chloride	ND	200	10	08/10/22	08/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Dazed Federal #2
Project Number: 19034-0019
Project Manager: Greg Crabtree

Reported:
8/11/2022 2:52:02PM

CS-50

E208062-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2233047
Benzene	ND	0.0250	1	08/10/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/10/22	08/10/22	
Toluene	ND	0.0250	1	08/10/22	08/10/22	
o-Xylene	ND	0.0250	1	08/10/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/10/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene	99.8 %	70-130		08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		08/10/22	08/10/22	
Surrogate: Toluene-d8	105 %	70-130		08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2233047
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene	99.8 %	70-130		08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		08/10/22	08/10/22	
Surrogate: Toluene-d8	105 %	70-130		08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2233051
Diesel Range Organics (C10-C28)	ND	50.0	2	08/10/22	08/10/22	
Oil Range Organics (C28-C36)	ND	100	2	08/10/22	08/10/22	
Surrogate: n-Nonane	115 %	50-200		08/10/22	08/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2233048
Chloride	271	200	10	08/10/22	08/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Dazed Federal #2
Project Number: 19034-0019
Project Manager: Greg Crabtree

Reported:
8/11/2022 2:52:02PM

CS-51

E208062-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2233047
Benzene	ND	0.0250	1	08/10/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/10/22	08/10/22	
Toluene	ND	0.0250	1	08/10/22	08/10/22	
o-Xylene	ND	0.0250	1	08/10/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/10/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		08/10/22	08/10/22	
Surrogate: Toluene-d8	102 %	70-130		08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2233047
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		08/10/22	08/10/22	
Surrogate: Toluene-d8	102 %	70-130		08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2233051
Diesel Range Organics (C10-C28)	ND	25.0	1	08/10/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/10/22	08/10/22	
Surrogate: n-Nonane	95.3 %	50-200		08/10/22	08/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2233048
Chloride	306	200	10	08/10/22	08/10/22	



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Dazed Federal #2 Project Number: 19034-0019 Project Manager: Greg Crabtree	Reported: 8/11/2022 2:52:02PM
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CS-52

E208062-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2233047
Benzene	ND	0.0250	1	08/10/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/10/22	08/10/22	
Toluene	ND	0.0250	1	08/10/22	08/10/22	
o-Xylene	ND	0.0250	1	08/10/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/10/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene		100 %	70-130	08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	08/10/22	08/10/22	
Surrogate: Toluene-d8		97.8 %	70-130	08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2233047
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene		100 %	70-130	08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	08/10/22	08/10/22	
Surrogate: Toluene-d8		97.8 %	70-130	08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2233051
Diesel Range Organics (C10-C28)	ND	25.0	1	08/10/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/10/22	08/10/22	
Surrogate: n-Nonane		97.1 %	50-200	08/10/22	08/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2233048
Chloride	ND	200	10	08/10/22	08/10/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Dazed Federal #2
Project Number: 19034-0019
Project Manager: Greg Crabtree

Reported:
8/11/2022 2:52:02PM

CS-53

E208062-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2233047
Benzene	ND	0.0250	1	08/10/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/10/22	08/10/22	
Toluene	ND	0.0250	1	08/10/22	08/10/22	
o-Xylene	ND	0.0250	1	08/10/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/10/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene	99.3 %	70-130		08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130		08/10/22	08/10/22	
Surrogate: Toluene-d8	98.4 %	70-130		08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2233047
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene	99.3 %	70-130		08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130		08/10/22	08/10/22	
Surrogate: Toluene-d8	98.4 %	70-130		08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2233051
Diesel Range Organics (C10-C28)	ND	25.0	1	08/10/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/10/22	08/10/22	
Surrogate: n-Nonane	93.8 %	50-200		08/10/22	08/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2233048
Chloride	ND	200	10	08/10/22	08/10/22	



QC Summary Data

EOG Resources	Project Name:	Dazed Federal #2	Reported:
104 South 4th Street	Project Number:	19034-0019	
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/11/2022 2:52:02PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2233047-BLK1)

Prepared: 08/10/22 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: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.528		0.500		106	70-130			

LCS (2233047-BS1)

Prepared: 08/10/22 Analyzed: 08/10/22

Benzene	2.18	0.0250	2.50		87.4	70-130			
Ethylbenzene	2.20	0.0250	2.50		87.9	70-130			
Toluene	2.14	0.0250	2.50		85.6	70-130			
o-Xylene	2.04	0.0250	2.50		81.7	70-130			
p,m-Xylene	4.07	0.0500	5.00		81.4	70-130			
Total Xylenes	6.11	0.0250	7.50		81.5	70-130			
Surrogate: Bromofluorobenzene	0.499		0.500		99.8	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 (2233047-BSD1)

Prepared: 08/10/22 Analyzed: 08/10/22

Benzene	2.42	0.0250	2.50		96.7	70-130	10.1	23	
Ethylbenzene	2.47	0.0250	2.50		98.6	70-130	11.5	27	
Toluene	2.40	0.0250	2.50		95.8	70-130	11.3	24	
o-Xylene	2.30	0.0250	2.50		92.0	70-130	11.9	27	
p,m-Xylene	4.57	0.0500	5.00		91.3	70-130	11.5	27	
Total Xylenes	6.87	0.0250	7.50		91.6	70-130	11.6	27	
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			



QC Summary Data

EOG Resources	Project Name:	Dazed Federal #2	Reported:
104 South 4th Street	Project Number:	19034-0019	
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/11/2022 2:52:02PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2233047-BLK1)

Prepared: 08/10/22 Analyzed: 08/10/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.528		0.500		106	70-130			

LCS (2233047-BS2)

Prepared: 08/10/22 Analyzed: 08/10/22

Gasoline Range Organics (C6-C10)	49.6	20.0	50.0		99.2	70-130			
Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.526		0.500		105	70-130			

LCS Dup (2233047-BSD2)

Prepared: 08/10/22 Analyzed: 08/10/22

Gasoline Range Organics (C6-C10)	53.5	20.0	50.0		107	70-130	7.52	20	
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			



QC Summary Data

EOG Resources	Project Name:	Dazed Federal #2	Reported:
104 South 4th Street	Project Number:	19034-0019	
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/11/2022 2:52:02PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2233051-BLK1)

Prepared: 08/10/22 Analyzed: 08/10/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.7		50.0		91.4	50-200			

LCS (2233051-BS1)

Prepared: 08/10/22 Analyzed: 08/10/22

Diesel Range Organics (C10-C28)	258	25.0	250		103	38-132			
Surrogate: n-Nonane	49.3		50.0		98.6	50-200			

Matrix Spike (2233051-MS1)

Source: E208062-12

Prepared: 08/10/22 Analyzed: 08/10/22

Diesel Range Organics (C10-C28)	273	25.0	250	ND	109	38-132			
Surrogate: n-Nonane	44.9		50.0		89.7	50-200			

Matrix Spike Dup (2233051-MSD1)

Source: E208062-12

Prepared: 08/10/22 Analyzed: 08/10/22

Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	38-132	1.53	20	
Surrogate: n-Nonane	47.4		50.0		94.8	50-200			



QC Summary Data

EOG Resources	Project Name:	Dazed Federal #2	Reported:
104 South 4th Street	Project Number:	19034-0019	
Artesia NM, 88210	Project Manager:	Greg Crabtree	8/11/2022 2:52:02PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2233048-BLK1)

Prepared: 08/10/22 Analyzed: 08/10/22

Chloride ND 20.0

LCS (2233048-BS1)

Prepared: 08/10/22 Analyzed: 08/10/22

Chloride 248 20.0 250 99.1 90-110

Matrix Spike (2233048-MS1)

Source: E208062-01

Prepared: 08/10/22 Analyzed: 08/10/22

Chloride 804 200 250 347 183 80-120 M2

Matrix Spike Dup (2233048-MSD1)

Source: E208062-01

Prepared: 08/10/22 Analyzed: 08/10/22

Chloride 819 200 250 347 189 80-120 1.93 20 M2

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:	Dazed Federal #2	
104 South 4th Street	Project Number:	19034-0019	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	08/11/22 14:52

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Project Information

Chain of Custody

Page 1 of 2

Client: <u>EOG</u>					Bill To					Lab Use Only					TAT				EPA Program					
Project: <u>Dated Federal E2</u>					Attention:					Lab WO# <u>E208062</u>		Job Number <u>19034-0019</u>			1D	2D	3D	Standard	CWA	SDWA				
Project Manager: <u>Taney Cochrane</u>					Address:					Analysis and Method														
Address:					City, State, Zip																	RCRA		
City, State, Zip					Phone:															State				
Phone:					Email:															NM	CO	UT	AZ	TX
Email: <u>Enviro</u>																				<input checked="" type="checkbox"/>				
Report due by:																				Remarks				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0													
8:08	8/9/2022	S	1	CS-41	1	X	X	X			X													
8:12	8/9/2022	S	1	CS-42	2	X	X	X			X													
8:15	8/9/2022	S	1	CS-43	3	X	X	X			X													
8:18	8/9/2022	S	1	CS-44	4	X	X	X			X													
8:21	8/9/2022	S	1	CS-45	5	X	X	X			X													
8:24	8/9/2022	S	1	CS-46	6	X	X	X			X													
8:27	8/9/2022	S	1	CS-47	7	X	X	X			X													
8:30	8/9/2022	S	1	CS-48	8	X	X	X			X													
8:34	8/9/2022	S	1	CS-49	9	X	X	X			X													
8:38	8/9/2022	S	1	CS-50	10	X	X	X			X													
Additional Instructions:																								
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.														
Relinquished by: (Signature) <u>[Signature]</u>					Date <u>8/9/2022</u>		Time <u>8:14</u>		Received by: (Signature) <u>[Signature]</u>					Date <u>8/10/22</u>		Time <u>8:15</u>		Lab Use Only						
Relinquished by: (Signature)					Date		Time		Received by: (Signature)					Date		Time		Received on ice: <u>Y/N</u>						
Relinquished by: (Signature)					Date		Time		Received by: (Signature)					Date		Time		T1 T2 T3						
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: 8/10/2022 8:42:12AM

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:	08/10/22 08:15	Work Order ID:	E208062
Phone:	(575) 748-4217	Date Logged In:	08/10/22 08:29	Logged In By:	Caitlin Christian
Email:		Due Date:	08/11/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Isaac GarciaComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Appendix E



Regulatory Correspondence



Practical Solutions for a Better Tomorrow

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

QUESTIONS

Action 75839

QUESTIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 75839
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
<i>Please answer all of the questions in this group.</i>	
Site Name	Dazed BDZ Federal Com #2
Date Release Discovered	01/25/2022
Surface Owner	Federal

Incident Details	
<i>Please answer all of the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Other Unknown Produced Water Released: 0 BBL (Unknown Released Amount) Recovered: 0 BBL Lost: 0 BBL]
Is the concentration of dissolved chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	While decommissioning the P&A'd location, areas on well pad showed signs of soils impacted from produced water (approximate areas, 10' X 15', 12' X 21' & 21' X 70').

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

QUESTIONS, Page 2

Action 75839

QUESTIONS (continued)

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 75839
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by 19.15.29.7(A) NMAC	Yes, major release.
Reasons why this would be considered a submission for a notification of a major release	<ul style="list-style-type: none"> Unauthorized release of an unknown volume (TBD), excluding gases, of 25 barrels or more
If YES, was immediate notice given to the OCD, by whom	Not answered.
If YES, was immediate notice given to the OCD, to whom	Not answered.
If YES, was immediate notice given to the OCD, when	Not answered.
If YES, was immediate notice given to the OCD, by what means (phone, email, etc.)	Not answered.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

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 prepare and attach a narrative of actions to date in the follow-up C-141 submission. 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 prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

ACKNOWLEDGMENTS

Action 75839

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 75839
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a releases on behalf of my operator.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	I acknowledge the fact that 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.
<input checked="" type="checkbox"/>	I acknowledge the fact that, 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.

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CONDITIONS

Action 75839

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 75839
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
ymoores	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	1/27/2022

Bob Asher

From: Miriam Morales
Sent: Tuesday, April 12, 2022 5:05 PM
To: Robert.Hamlet@state.nm.us
Cc: Artesia Regulatory; Artesia S&E Spill Remediation
Subject: Dazed BDZ Federal Com #2 (nAPP2202733281) Sampling Notification

Good afternoon,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Dazed BDZ Federal Com #2
30-015-33428
Section 3, 21S-24E
Eddy County, NM
nAPP2202733281

Sampling will begin at 4:00 p.m. on Thursday, April 14, 2022.

Thank you,

Miriam Morales

From: [Jeremy Haass](#)
To: [Tami Knight](#)
Subject: FW: Dazed BDZ Federal Com 2 (nAPP2202733281) Sampling Notification
Date: Tuesday, August 2, 2022 3:31:59 PM
Attachments: [image001.png](#)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

FYI

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Tuesday, August 2, 2022 1:23 PM
To: blm_nm_cfo_spill@blm.gov; Jennifer Nobui <Jennifer.Nobui@state.nm.us>; Jocelyn Harimon <Jocelyn.Harimon@state.nm.us>; Mike Bratcher <mike.bratcher@state.nm.us>; Robert Hamlet <Robert.Hamlet@state.nm.us>
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: Dazed BDZ Federal Com 2 (nAPP2202733281) Sampling Notification

Good Afternoon,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Dazed BDZ Federal Com 2
E-3-21S-24E
Eddy County, NM
nAPP2202733281

Sampling will begin at 8:00 a.m. on Tuesday, August 9, 2022.

Thank you,

Tina Huerta
Regulatory Specialist
Direct: 575.748.4168
Cell: 575.703.3121
Email: tina_huerta@eogresources.com



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CONDITIONS

Action 134512

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 134512
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	11/23/2022