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

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Incident ID	nAPP2215233815
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources, Inc	OGRID 7377	
Contact Name Amber Griffin	Contact Telephone 575-748-1471	
Contact email amber_griffin@eogresources.com		
Contact mailing address 104 S. 4th Street, Artesia, NM 88210		

Location of Release Source

Latitude 36.0331345

Longitude -107.3440781

(NAD 83 in decimal degrees to 5 decimal places)

Site Name Bois D Arc SWD #1	Site Type Salt Water Disposal
Date Release Discovered 5/27/2022	API# (if applicable) 30-043-20981

Unit Letter	Section	Township	Range	County
1	22	21N	05W	Sandoval

Surface Owner: State Federal Tribal Private (Name: _

Nature and Volume of Release

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

Crude Oil	Volume Released (bbls) Unknown	Volume Recovered (bbls)
Produced Water	Volume Released (bbls) Unknown	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
^{Cause of Release} Historical impacts were discovered when below grade tanks were removed from the location. The environmental consultant contracted to investigate the area determined on 5/27/2022, based on the impacted area footprint, that the release more than likely breached the reportable volume threshold.		

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Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release?
🗌 Yes 📈 No	
If YES, was immediate no	otice 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

 \checkmark The source of the release has been stopped.

 \checkmark The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

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

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

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

Printed Name: Amber Griffin

Signature: Amber Griffin email: amber_griffin@eogresources.com

Title:	Rep	Safety	&	Environmental	Sr

Date: 6/1/2022

Telephone: 575-748-1471

OCD Only

Received by: Jocelyn Harimon

Date: _____06/01/2022

Oil Conservation Division

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Site Assessment/Characterization

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

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

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

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

- X Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- X Field data
- **X** Data table of soil contaminant concentration data
- X Depth to water determination
- x Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release
- X Boring or excavation logs
- Photographs including date and GIS information
- X Topographic/Aerial maps
- X Laboratory data including chain of custody

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

Received by OCD: 8/23/2022 11:56:04 AM Form C-141 State of New Mexico			Page 4 of 172		
			Incident ID	NAPP2215233815	
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regulations all operators ar public health or the enviro failed to adequately invest	formation given above is true and complete re required to report and/or file certain relea nment. The acceptance of a C-141 report b igate and remediate contamination that pos of a C-141 report does not relieve the oper	ase notifications and perform co by the OCD does not relieve the e a threat to groundwater, surfa	prrective actions for rele e operator of liability sh ace water, human health	eases which may endanger ould their operations have or the environment. In	
Printed Name: Chas	e Settle	Title: Rep Safe	ty & Environmer	ntal Sr	
Signature: Chase	Settle	Date: 08/23/202	2		
email: Chase_Settle@eogresources.com		Telephone: <u>575-748-1471</u>			
OCD Only					
Received by: Jocely	n Harimon	Date: _08/2	3/2022		

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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) X Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling) Description of remediation activities I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. Printed Name: Chase Settle Title: <u>Rep Safety & Environmental Sr</u> Signature: Chase Settle Date: 08/23/2022 email: Chase Settle@eogresources.com Telephone: 575-748-1471 **OCD Only** Jocelyn Harimon Date: 08/23/2022 Received by: 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:
 Nelson Velez
 Date:
 11/17/2022

 Printed Name:
 Nelson Velez
 Title:
 Environmen

 Title: Environmental Specialist – Adv

Brittany Hall

From:	Marie Florez <marie_florez@eogresources.com></marie_florez@eogresources.com>
Sent:	Tuesday, June 7, 2022 10:59 AM
То:	Vargo, Lucas D; mryder@blm.gov; aadeloye@blm.gov; Mankiewicz, David J; Joe, Maureen A; jtafoya@blm.gov; jdemarco@blm.gov; Venegas, Victoria, EMNRD; LeighP.Barr@state.nm.us
Cc:	Andrea Felix; Amber Griffin; Chase Settle; Artesia Regulatory; Katie Jamison; Brittany Hall; Tami Knight; Greg Crabtree; Kholeton Sanchez
Subject:	Bois D Arc SWD #001 Notification for Final Confirmation sample 20220607

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.

EOG Resources Inc., is notifying OCD and BLM (2) business days prior to conducting Final Confirmation Sampling on the following well.

Well Name: Bois D Arc SWD #001 API: 30-043-20981 Surface Location: Unit I, Section 22, T21N R05W, Sandoval County, NM Lat/Long: 36.0331345,-107.3440781 NAD83 NMOCD Incident Number: nAPP2215233815

Sampling Date: Thursday, June 9, 2022. Time to Begin: 1:00 PM

Thanks,

Marie E. Florez

Regulatory Specialist Cell: 505-419-8420 marie_florez@eogresources.com



From:	<u>Marie Florez</u>
To:	<u>Vargo, Lucas D; Venegas, Victoria, EMNRD; LeighP.Barr@state.nm.us; Brittany Hall; Greg Crabtree; Kholeton</u>
	Sanchez: Tami Knight
Cc:	Andrea Felix; Artesia Regulatory; Artesia S&E Spill Remediation
Subject:	FW: Bois D Arc SWD #001 Notification for Final Confirmation sample 20220627
Date:	Monday, June 27, 2022 4:13:53 PM
Attachments:	image001.png

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After further remediation, EOG Resources Inc., is notifying OCD and BLM (2) business days prior to conducting Final Confirmation Sampling on the following well.

Well Name: Bois D Arc SWD #001
 API: 30-043-20981
 Surface Location: Unit I, Section 22, T21N R05W, Sandoval County, NM
 Lat/Long: 36.0331345,-107.3440781 NAD83
 NMOCD Incident Number: nAPP2215233815

Sampling will begin at 8:00 AM, Thursday, June 30, 2022

If you have any questions or concerns please let us know.

Thanks,

Marie E. Florez **Regulatory Specialist** Cell: 505-419-8420 marie florez@eogresources.com

&eog resources

From: Marie Florez
Sent: Tuesday, June 7, 2022 10:59 AM
To: 'Vargo, Lucas D' <lvargo@blm.gov>; 'mryder@blm.gov' <mryder@blm.gov>; 'aadeloye@blm.gov'
<aadeloye@blm.gov>; Mankiewicz, David J <dmankiew@blm.gov>; Joe, Maureen A
<mjoe@blm.gov>; 'jtafoya@blm.gov' <jtafoya@blm.gov>; 'jdemarco@blm.gov'
<jdemarco@blm.gov>; 'Venegas, Victoria, EMNRD' <Victoria.Venegas@state.nm.us>;
'LeighP.Barr@state.nm.us' <LeighP.Barr@state.nm.us>
Cc: Andrea Felix <Andrea_Felix@eogresources.com>; Amber Griffin
<Amber_Griffin@eogresources.com>; Chase Settle <Chase_Settle@eogresources.com>; Artesia
Regulatory <Artesia_Regulatory@eogresources.com>; Katie Jamison
<Katie_Jamison@eogresources.com>; 'Brittany Hall' <bhall@envirotech-inc.com>; 'Tami Knight'

<TKnight@envirotech-inc.com>; Greg Crabtree <gcrabtree@envirotech-inc.com>; Kholeton Sanchez <ksanchez@envirotech-inc.com> **Subject:** Bois D Arc SWD #001 Notification for Final Confirmation sample 20220607

EOG Resources Inc., is notifying OCD and BLM (2) business days prior to conducting Final Confirmation Sampling on the following well.

Well Name: Bois D Arc SWD #001
 API: 30-043-20981
 Surface Location: Unit I, Section 22, T21N R05W, Sandoval County, NM
 Lat/Long: 36.0331345,-107.3440781 NAD83
 NMOCD Incident Number: nAPP2215233815

Sampling Date: Thursday, June 9, 2022. Time to Begin: 1:00 PM

Thanks,

Marie E. Florez

Regulatory Specialist Cell: 505-419-8420 marie_florez@eogresources.com



From:	Marie Florez
To:	<u>Vargo, Lucas D; Venegas, Victoria, EMNRD; LeighP.Barr@state.nm.us; Brittany Hall; Greg Crabtree; Kholeton</u>
	Sanchez; Tami Knight
Cc:	Andrea Felix; Artesia Regulatory; Artesia S&E Spill Remediation
Subject:	Sampling Notification- Bois D Arc SWD #001
Date:	Monday, August 8, 2022 10:41:24 AM
Attachments:	image001.png
Importance:	High

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.

EOG Resources Inc., is notifying OCD and BLM (2) business days prior to conducting Final Confirmation Sampling on the following well.

Well Name: Bois D Arc SWD #001 API: 30-043-20981 Surface Location: Unit I, Section 22, T21N R05W, Sandoval County, NM Lat/Long: 36.0331345,-107.3440781 NAD83 NMOCD Incident Number: nAPP2215233815

Sampling will begin at 9:30 AM, Wednesday, August 10, 2022

If you have any questions or concerns please let us know.

Marie E. Florez

Regulatory Specialist Cell: (575)703-6465 <u>marie_florez@eogresources.com</u>



Brittany Hall

From: Sent:	Adeloye, Abiodun A <aadeloye@blm.gov> Thursday, June 2, 2022 7:52 AM</aadeloye@blm.gov>
То:	Marie Florez; Vargo, Lucas D; Tafoya, Jeffrey J; Demarco, Jaime L; Mankiewicz, David J; Joe, Maureen A
Cc: Subject:	Andrea Felix; Amber Griffin; Chase Settle; Artesia Regulatory; Katie Jamison; Brittany Hall; Tami Knight RE: [EXTERNAL] Bois D Arc SWD #001 - FFO UE Report 20220601

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Hi, Marie, thanks for the notification. Please proceed with the sampling if the BLM representative is not present at the date and time of the sample collection. Please notify BLM immediately, if the date and time changed. BLM acceptance of this notification to collect final samples does not relieve EOG Resources, Inc. of any other requirements imposed by other regulatory agencies.

Since this is not an actual a release/spill, it would be appropriate to submit a Sundry to the BLM with NOI of what EOG Resources, Inc. is determining to do. The Analytical results of the tank base sample showing no contaminations can be sent to the BLM.

Please sent the Facility Diagram to BLM afterwards as per 43 CFR 3173.11(a).

Please let me know if you have any questions. Thank you.

Abiodun Adeloye (Emmanuel), NRS

Bureau of Land Management Farmington Field Office 6251 College Blvd., Suite A Farmington, NM 87402 Office Phone: 505-564-7665 Cell Phone: 505-635-0984

From: Marie Florez < Marie_Florez@eogresources.com>

Sent: Wednesday, June 1, 2022 4:35 PM

To: Vargo, Lucas D <lvargo@blm.gov>; Tafoya, Jeffrey J <JTafoya@blm.gov>; Demarco, Jaime L <jdemarco@blm.gov>; Adeloye, Abiodun A <aadeloye@blm.gov>; Mankiewicz, David J <dmankiew@blm.gov>; Joe, Maureen A <mjoe@blm.gov>

Cc: Andrea Felix <Andrea_Felix@eogresources.com>; Amber Griffin <Amber_Griffin@eogresources.com>; Chase Settle <Chase_Settle@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>; Katie Jamison <Katie_Jamison@eogresources.com>; Brittany Hall <bhall@envirotech-inc.com>; Tami Knight <TKnight@envirotech-inc.com>

Subject: [EXTERNAL] Bois D Arc SWD #001 - FFO UE Report 20220601

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

BLM,

Attached: FFO UE Reporting Form

EOG Resources, Inc. is notifying BLM regarding the removal of two old below grade tanks (BGT)s from the following location. Historic staining was exposed below the BGTs.

Envirotech will be on location tomorrow to begin remediation.

OCD was notified on 6/1/2022.

Well Name: Bois D Arc SWD #001 API: 30-043-20981 Surface Location: Unit I, Section 22, T21N R05W Lat/Long: 36.0331345,-107.3440781 NAD83

If you have any questions or concerns please let us know.

Thanks,

Marie E. Florez

Regulatory Specialist Cell: (575)703-6465 <u>marie_florez@eogresources.com</u>



BGT and Release Closure Report



Bois D Arc SWD #001

API #30-043-20981 Unit I, Section 22, T21N, R05W Sandoval County, New Mexico



August 17, 2022 Project #19034-0013

> Mr. Chase Settle 104 South 4th Street Artesia, New Mexico Phone: (575) 703-6537 E-mail: <u>chase_settle@eogresources.com</u>



Practical Solutions for a Better Tomorrow Arizona • Colorado • New Mexico • Texas • Utah Received by OCD: 8/23/2022 11:56:04 AM

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Envirotech, Inc. (Envirotech) of Farmington, New Mexico, was contracted by EOG Resources, Inc. (EOG) to provide sampling activities for the closure of two (2) below grade tanks (BGT); subsequent release excavation; oversight; and release closure sampling activities at the Bois D Arc SWD #001 (API: 30-043-20981). The site is located within Unit I, Section 22, Township 21 North, Range 05 West in Sandoval County, New Mexico; see **Figure 1**, *Vicinity Map*.

Site History and Regulatory Standards

EOG obtained the site from Synergy Operating, LLC. in 2019. Historical records do not show that Synergy submitted a C-144 to the New Mexico Oil Conservation Division (NMOCD) per *19.15.17 NMAC (2008).* Therefore, EOG is registering the BGTs by closure which has been historically accepted by NMOCD.

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

The following BGT closure criteria from 19.15.17.13 NMAC (2013) were applied:

The nearest water well is located 0.25 miles from the site and is identified as RG-A0616-POD1 with a reported depth to groundwater of 100.45 feet. The subject site is 29 feet lower in elevation than the well; therefore, groundwater is estimated to be between 50-100 feet below ground surface. An intermittent stream transects the subject well pad that discharges to a stock pond 0.29 miles to the northeast. Therefore, any potential releases would be held to the most stringent remediation standards.

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



Siting criteria documentation for the subject well site is provided in **Appendix A**, *Siting Documentation*.

BGT Closure Activities

In an effort to bring the site into compliance under the current NMOCD regulations, the BGTs were removed. EOG failed to meet the rule requirements regarding the submittal of a permit/registration, closure plan, and notification of the closure as required by *19.15.17 NMAC*. On May 6, 2022, Envirotech collected assessment samples from the two (2) BGT footprints. All BGT closure and closure sampling procedures followed applicable NMOCD requirements.

Laboratory Analysis

One (1) five-point composite soil sample was collected from each of the BGT footprints and identified as CS-1 (southern BGT) and CS-2 (northern BGT). Visibly stained soil was included in the sample collected and identified as CS-2. The samples were collected from approximately 0.5 feet beneath the surface of the BGT footprints. The soil samples were placed into individual laboratory provided 4-ounce jars, capped head space free, and transported on ice to Envirotech Analytical Laboratory. The soil samples were analyzed per closure criteria provided in *19.15.17.13 NMAC*. The soil sample locations are illustrated in **Figure 2**, *Site Map*, in **Appendix B**, *Field Notes*, and in **Appendix C**, *Site Photography*.

Laboratory Analytical Results

The laboratory analytical results for both samples were below closure criteria for benzene, BTEX, and chloride; however, results indicated a concentration of TPH above closure criteria in CS-1 (4,830 mg/kg) and in CS-2 (57,800 mg/kg). Analytical results are summarized in **Table 1**, *Summary of Soil Analytical Results* and **Appendix D**, *Laboratory Analytical Report*.

BGT Delineation Activities

On May 24, 2022, Envirotech personnel arrived at the subject site to complete release delineation activities. Utilizing a backhoe, one test pit was excavated in the center of each of the BGT footprints. Two (2) grab samples were collected from the footprint of the southern BGT: one (1) sample was collected at 7 feet below ground surface (bgs) and one (1) sample was collected at the total depth of 8 feet bgs. Two (2) grab samples were collected from the footprint of the footprint of the northern BGT: one (1) sample was collected at 6 bgs and one (1) sample was collected at the total depth of 7 feet bgs. All soil excavated from the footprints of the BGTs was stockpiled on poly sheeting prior to being transported for disposal.

Two (2) test pits were excavated to 4 feet bgs on the northern and western edges of the northern BGT. The locations of these test pits were selected based on site topography and the assumption that a discharge pipe entered the northern BGT from the western side. One (1) soil sample was collected from 4 feet bgs from the two (2) test pits. Sample locations are illustrated on Figure 3, Delineation Site Map



Laboratory Analysis

The soil samples collected during the delineation activities were placed into individual laboratory provided 4-ounce jars, capped head space free, and transported on ice to Envirotech Analytical Laboratory. The soil samples were analyzed per closure criteria provided in *19.15.29.13 NMAC*.

Laboratory Analytical Results

The laboratory analytical results for all delineation soil samples were below closure criteria for all constituents analyzed. Analytical results are summarized in **Table 1** and **Appendix D**.

Release Closure Activities

Based on the BGT closure and delineation laboratory results, Envirotech and EOG's earth work contractor began release excavation activities on June 2 and 3, 2022. EOG contractors excavated and transported 112 cubic yards of petroleum contaminated soil (PCS) to Envirotech's NMOCD permitted soil remediation facility. Waste disposal documentation is provided in **Appendix E**, *Waste Disposal Documentation*.

The excavation was monitored utilizing field screening methods conducted by Envirotech. The final extents of the northern excavation measured approximately 19 feet by 17 feet by 4 feet bgs and the southern excavation measured approximately 12 feet by 10 feet by 4 feet bgs. Field screening results are included in **Appendix B**.

Confirmation Sampling Activities

EOG Resources notified the NMOCD prior to collecting confirmation samples at the site. Confirmation samples were collected on June 9, 2022. A total of eleven (11) five-point composite soil samples were collected from the two (2) excavations for laboratory analysis. Samples collected were representative of the walls and bases of the excavations. All samples collected were representative of 200 square feet (ft²) or less. 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 notifications are included *NV* - 11/17/2022 in **Appendix F**, **Regulatory Correspondence** and soil sample locations are illustrated in **Figure 4**, **Release Closure Site Map** and in **Appendix C**.

Laboratory Analytical Results

The soil samples were analyzed per analytical methods referenced in *19.15.29.12* and *19.15.29.13 NMAC*. Laboratory results indicated soils were contaminated above applicable regulatory standards for TPH in five (5) of the six (6) samples collected from the northern BGT. All samples collected from the southern BGT were below applicable regulatory standards. Analytical results are summarized in **Table 1** and **Appendix D**.



Continued Release Closure Activities

Based on the initial release closure laboratory results, Envirotech and EOG's earth work contractor continued excavation activities on June 21 and 23, 2022. EOG contractors excavated and transported an additional 114 cubic yards of PCS from the northern BGT excavation to Envirotech's NMOCD permitted soil remediation facility. Waste disposal documentation is provided in **Appendix E.**

The excavation was monitored utilizing field screening methods conducted by Envirotech. The final extents of the northern excavation measured approximately 28 feet by 25 feet by 5.5-6 feet bgs. Field screening results are included in **Appendix B**.

Confirmation Sampling Activities - June 2022

EOG Resources notified the NMOCD prior to collecting confirmation samples at the site. Confirmation samples were collected on June 30, 2022. A total of five (5) five-point composite soil samples were collected from the northern excavation for laboratory analysis. One (1) sample was collected from each wall and was representative of 200 square feet (ft²) or less. And one sample was collected from the north half of the base of the subject excavation.

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 notifications are included in **Appendix D** and soil sample locations are illustrated in **Figure 4** and in **Appendix C**.

Laboratory Analytical Results

The soil samples were analyzed per analytical methods referenced in *19.15.29.12* and *19.15.29.13 NMAC*. The laboratory analytical results were below closure criteria for all constituents analyzed. Analytical results are summarized in **Table 1** and **Appendix E**.

Confirmation Sampling Activities - August 2022

Due to insufficient representative closure samples being collected from the base of the northern excavation, additional base samples were collected on August 10, 2022. EOG Resources notified the NMOCD of the additional sampling event on August 8, 2022. Envirotech personnel returned to the site to unearth the former remediation excavation. Prior GPS points were used to locate the former excavation and backfill material was removed until native soil was visible.

A total of four (4) five-point composite soil samples were collected from the northern excavation base and submitted for laboratory analysis. All sample points were representative of 200 square feet (ft²) or less. 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 notifications are included in **Appendix D** and soil sample locations used for closure are illustrated in **Figure 4** and in **Appendix C**.



Laboratory Analytical Results

The soil samples were analyzed per analytical methods referenced in *19.15.29.12* and *19.15.29.13 NMAC*. The laboratory analytical results were below closure criteria for all constituents analyzed. Analytical results are summarized in **Table 1** and **Appendix E**.

Reclamation Activities

EOG's contractor completed the backfill of the subject excavation on July 13, 2022. The excavation was backfilled with Bureau of Land Management approved, non-waste containing, earthen material. The site was recontoured and graded to prevent ponding and erosion. The location is an active site; therefore, the area was not prepped for seeding. Backfill photos are provided in **Appendix C**. After the August 2022 sampling event, the backfill was placed back into the excavation and the site was recontoured again.

Summary and Conclusions

Envirotech personnel completed BGT closure sampling, release remediation, and release closure sampling at the Bois D Arc SWD #001. Based on the analytical results, all contaminants of concern are below the NMOCD closure criteria; therefore, Envirotech recommends requesting a **No Further Action** status from the NMOCD regarding the BGT and subsequent release closure.

Statement of Limitations

The work and services provided were in accordance with NMOCD and BLM 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.

Jami C. USJ

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

Reviewed by:

Yu CA

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



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Figure 1, *Vicinity Map* Figure 2, *Site Map* Figure 3, *Delineation Site Map* Figure 4, *Confirmation Sampling Site Map*





Practical Solutions for a Better Tomorrow



Samuela Description	Date	Sample	EP	A Method	8015	EPA Me	thod 8021	EPA Method 300.0	
Sample Description	escription Date		GRO	DRO	ORO	Benzene	Total BTEX	Chlorides	
			mg/kg						
NMOCD BGT Closure Criteria (Table 1 - 19.15.17.13 NMAC (2013))				100		10	50	600	
			BGT CI	osure Rest	ults				
CS-1	5/0/0000	0.5 feet	<20.0	1,430	3,400	<0.0250	<0.1	24.8	
CS-2	5/6/2022	0.5 feet	<20.0	38,600	19,200	< 0.0250	<0.1	<20.0	

CS-2

CS-1

Legend

- 5-point Composite Sample

CS - Composite Sample

Figure 2, BGT Closure Map

EOG Resources Bois D Arc SWD #001 API: 30-042-20981 Unit I, Section 22, Township 21N, Range 5W Sandoval County, New Mexico 36.03313, -107.34407 Project #19034-0013 Environmental Scientists and Engineers 5796 U.S Highway 64 Farmington, New Mexico 87401 505.632.0615

75

100

■ Feet

25

0

50

Date Drawn: 06/11/2022 Drawn by: B.Hall



Sample	Date	GPS Coordinates	Sample	EP	A Method 8	015	EPA Met	hod 8021	EPA Method 300.0
Description			Depth	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
		NMOCD Release Clo (Table 1 - 19.15.2	100 C C C C C C C C C C C C C C C C C C		100 mg/kg		10 mg/kg	50 mg/kg	600 mg/kg
CS-3@7		36.033335, -107.344041	0-4 feet	<20.0	<25.0	<50.0	<0.025	<0.1	34.6
CS-3 @ 8'	1 1	36.033335, -107.344041	0-4 feet	<20.0	<25.0	<50.0	<0.025	<0.1	60.6
CS-4@6	5/24/2022	36.033460, -107.344045	0-4 feet	<20.0	<25.0	<50.0	<0.025	<0.1	29.6
CS-4@7	5/24/2022	36.033460, -107.344045	0-4 feet	<20.0	<25.0	<50.0	<0.025	<0.1	40.1
CS-5@4'		36.033515, -107.344055	4 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-6 @ 4'		36.033474, -107.344110	4 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0

the play	and the second	0 25 50 75 100 Feet				
Legend	Figure 3, Release Delineation Site Map	🕝 envirotech				
 - 5-point Composite Sample CS - Composite Sample 	EOG Resources Bois D Arc SWD #001 API: 30-042-20981 Unit I, Section 22, Township 21N, Range 5W Sandoval County, New Mexico	Environmental Scientists and Engineers 5796 U.S Highway 64 Farmington, New Mexico 87401 505.632.0615 Date Drawn: 07/11/2022 Drawn by: B.Hall				
Released to Imaging: 11/17/2022 11:1	36.03313, -107.34407 Project #19034-0013					

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*



Sample Da Description	Date	GPS Coordinates	Sample	EPA Method 8015			EPA Method 8021		EPA Method 300.0	
	Date		Depth	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)	
NMOCD Release Closure Criteria (Table 1 - 19 15 29 12 NMAC)					100 mg/kg		10 mg/kg	50 mg/kg	600 mg/kg	
CS-10	1	36.033359 -107.344036	0-4 feet	<20.0	<25.0	<50.0	<0.025	<0.1	244	
CS-11	6/9/2022	36.033336, -107 344007	0-4 feet	<20 0	<25.0	<50.0	<0 025	<0.1	178	
CS-12		36.033315107.344045	0-4 feet	<20.0	<25.0	<50 0	<0 025	<0.1	216	
CS-13		36.033338, -107 344067	0-4 feet	<20.0	<25.0	<50.0	<0.025	<0.1	237	
CS-14	- 10-1	36 033336107 344040	4 feet	<20.0	<25.0	<50.0	<0.025	<0.1	165	
CS-27		36.033492 -107344045	0-6 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0	
CS-28	6/30/2022	36.033465, .107.344010	0-6 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0	
CS-29	0/30/2022	36,033424 .107 344048	0-6 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0	
CS-30		36.033460, -107.344085	0-6 feet	<20.0	<25.0	<50.0	<0 025	<0.1	<20.0	
CS-32		36.0334531 107 3440461	5.5-6 feet	<20.0	<25.0	<50.0	<0 0250	<0.1	<20.0	
CS-33	8/10/2022	36.0334540107.3440062	5.5-6 feet	<20.0	<25 0	<50.0	<0 0250	<0.1	<20 0	
CS-34		36 0334286, 107 3440425	5.5-6 feet	<20.0	<25.0	<50.0	<0.0250	<0.1	<20.0	
CS-35		36.0334286107 3440111	5.5-6 feet	<20 0	<25.0	<50.0	<0.0250	<0.1	<20.0	

the state	in the second	0	25	50	75	100 Feet
<u>Legend</u>	Figure 4, Release Closure Map	1	B	env	irot	ech
 - 5-point Composite Confirmation Sample (Collected 06/06/2022) 	EOG Resources Bois D Arc SWD #001	Envi	Environmental Scientists and Eng 5796 U.S Highway 64			
 - 5-point Composite Confirmation Sample (Collected 06/30/2022) 	API: 30-042-20981 Unit I, Section 22, Township 21N, Range 5W	F		64 o 87401		
 - 5-point Composite Confirmation Sample (Collected 08/10/2022) 	Sandoval County, New Mexico 36.03313, -107.34407 Project #19034-0013			505.632 Drawn: n by: C		





Table 1, Summary of Soil Analytical Results





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Table 1, Summary of Soil Analytical Results **EOG Resources BGT and Release Closure Report** Bois D Arc SWD #001; API: 30-043-20981 Unit I, Section 22, Township 21N, Range 5W Sandoval County, New Mexico Project #19034-0013

		Sample		EPA Method 8015			EPA Method 8021		
Sample Description	Date	Depth	GRO	DRO	ORO	Benzene	Total BTEX	300.0 Chlorides	
				2.1.0		mg/kg			
NMOCD BGT Closure Criteria (Table 1 - 19.15.17.13 NMAC (2013))				100		10	50	600	
NMOCD Release Closure Criteria (Table 1 - 19.15.29.12 NMAC)				100		10	50	600	
			BGT C	losure Res	ults				
CS-1	E /0/0000	0.5 feet	<20.0	1,430	3,400	<0.0250	<0.1	24.8	
CS-2	5/6/2022	0.5 feet	<20.0	38,600	19,200	<0.0250	<0.1	<20.0	
		F	Release D	elineation l	Results				
CS-3 @ 7'		7 feet	<20.0	<25.0	<50.0	<0.0250	<0.1	34.6	
CS-3 @ 8'		8 feet	<20.0	<25.0	<50.0	<0.025	<0.1	60.6	
CS-4 @ 6'	E/04/0000	6 feet	<20.0	<25.0	<50.0	<0.025	<0.1	29.6	
CS-4 @ 7'	5/24/2022	7 feet	<20.0	<25.0	<50.0	<0.025	<0.1	40.1	
CS-5 @ 4'		4 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0	
CS-6 @ 4'		4 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0	
			Release	Closure Re	esults				
CS-10		0-4 feet	<20.0	<25.0	<50.0	<0.025	<0.1	244	
CS-11		0-4 feet	<20.0	<25.0	<50.0	<0.025	<0.1	178	
CS-12		0-4 feet	<20.0	<25.0	<50.0	<0.025	<0.1	216	
CS-13		0-4 feet	<20.0	<25.0	<50.0	<0.025	<0.1	237	
CS-14		4 feet	<20.0	<25.0	<50.0	<0.025	<0.1	165	
CS-15	6/9/2022	0-4 feet	<20.0	361	357	<0.025	<0.1	<20.0	
CS-16		0-4 feet	<20.0	507	748	<0.025	<0.1	<20.0	
CS-17		0-4 feet	<20.0	271	234	<0.025	<0.1	<20.0	
CS-18		0-4 feet	<20.0	294	402	<0.025	<0.1	<20.0	
CS-19		4 feet	<20.0	286	413	<0.025	<0.1	<20.0	
CS-20		4 feet	<20.0	26.7	53.4	<0.025	<0.1	154	
CS-27		0-6 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0	
CS-28		0-6 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0	
CS-29	6/30/2022		<20.0	<25.0	<50.0	<0.025	<0.1	<20.0	
CS-30		0-6 feet	<20.0	<25.0	<50.0	< 0.025	<0.1	<20.0	
CS-31		5.5-6 feet	<20.0	29.1	<50.0	< 0.025	<0.1	<20.0	
CS-32		5.5-6 feet	<20.0	<25.0	<50.0	< 0.0250	<0.1	<20.0	
CS-33	8/10/2022	5.5-6 feet	<20.0	<25.0	<50.0	<0.0250	< 0.1	<20.0	
CS-34	-	5.5-6 feet	<20.0	<25.0	<50.0	<0.0250	< 0.1	<20.0	
CS-35		5.5-6 feet	<20.0	<25.0	<50.0	<0.0250	<0.1	<20.0	

BOLD - above closure criteria

Shaded cells indicated samples used for closure







Siting Criteria Documentation





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Site Name: Bois D Arc SWD #001									
API #:	30-043-20981								
Lat/Long:									
	Unit I, Section 22		V						
Land Jurisdiction:		2, 1211, 10, 1	•						
County:	Sandoval								
Wellhead Protection Area Assessment									
Water Source Type									
(well/spring/stock pond)	ID	Latitude	Longitude	Distance					
Distance to Nearest Significant Watercourse									
0 feet									
Depth to Groundwater Determination									
Cathodic Report/Site Specific Hydrogeology	Cathodic Report/Site Specific Hydrogeology								
Elevation Differential 29 ft lower									
Water Wells RG-A0616-Pod1 DTW = 100.45 ft; well 0.25 miles east									
Sensitive Receptor Determination <300' of any continuously flowing watercourse or any other significant watercourse									
<300' of any continuously flowing watercourse or any other significant watercourse									
<200' of any lakebed, sinkhole or playa lake (measured from the Ordinary High Water									
<300' of an occupied permanent residence, scho	•			No					
<500' of a spring or private/domestic water well	used by <5 house	holds for dor	nestic or						
stock watering purposes				No					
<1000' of any water well or spring				No					
Within incorporated municipal boundaries or w	ithin a defined mu	nicipal fresh	water well	No					
<300' of a wetland				No					
Within the area overlying a subsurface mine				No No					
Within an unstable area									
Within a 100-year floodplain									
DTW Determination ≤50 ✓ 50-100 >100									
Benzene	10	10	10						
BTEX (mg/kg)	50	50	50						
8015 TPH (GRO/DRO) (mg/kg)		1,000	1,000						
8015 TPH (GRO/DRO/MRO) (mg/kg)	100	2,500	2,500						
Chlorides (mg/kg)	600	10,000	20,000						





H = Measurement ++ Miles 🔻 -1 Measurement Result 0.25 Miles Clear Press CTRL to enable snapping



18055

-107.311 36.041 Degrees

Received by OCD: 8/23/2022 11:56:04 AM National Flood Hazard Layer FIRMette



Legend

Page 31 of 172



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regulatory purposes.

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Received by O CD: 8/23/2022-11:30:04 AM team.gis@state.nm.us

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•	ClusterLayer: GIS WATERS PODs	***
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£	Current Perimeters	
•	Hermits Peak Calf Canyon Evacuation Areas view	•••
£	OSE District Boundary	
•	OSE District Offices	•••
۴	Water Right Regulations	
•	Live Stream Gauges v1	•••

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



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ERE, GeoTechnologies, Inc. | Maxar | U.S. Department of Energy Office of Legacy Manage.





Field Notes





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CLIENT:	606		Conviratach E					Envmtl. Spcist: 2. Carcie				
CLIENT/JOB #:	19034.00	13	envirotech				Onsite: 12:45 Offsite: 13:15					
	5/6/2027		505-63	505-632-0615 1-800-362-1879			LAT: <u>36.033/34</u>					
	5/6/2022						LONG:			.		
Page #	of				n, NM 874		LONG.	-104.2	1011	· /		
raye #		(A) (A) (A)										
LOCATION:	Name:	Bois n	Arc Su	14 gc	Well #:			API: 30-0	243-2	0981		
			a			pm		HWY-MM:				
Cause of Release:								Amt. Relea	sed:			
QUAD/UNIT:				-		RNG		PM	-			
Spill Located Approxim					FROM							
Excavation Approx:			•	FT. X		FT.	Volume (cy	/tons):				
Disposal Facility:						-		,		= =		
Land Use:							Land Owne	er:				
REGULATORY AGEN	CY:					TPH CLO	SURE STD:					
ADDITIONAL CLOSUF		ENTS:										
新动力的性能 。 新动力的	Charles and Shine		VOC			TPH (Method 418.1)			Chloride			
SAMPLE NAME	TIME COLLECTED	DESCI	RIPTION	TIME	PID/OV ppm	TIME	READING	CALC ppm	TIME	mg/kg		
CS-1	13:02	Small T	our k									
CS-Z	13:07	Large	fank									
			ч.	34.34 · · ·								
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CS-COMPOSITE SAMPLE GS-GRAB SAMPLE SB-SOIL BORING TP-TEST PIT DU- DECISION UNIT ST-STATION	C5-1 36.033534, - 107.344041 C5-2 36.033475, -107.344044											
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Revised 6/14/2021



Page 2 Of _____

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CLIENT:	EOG		Ch	anvi	otec		Envmtl. Spcist: $B4/CT$				
CLIENT/JOB #:	EOG 19034-0013		11	Onsite: 915 Offsite: 1215							
START DATE:	5/24/202:		505-632-0615 1-800-362-1879			LAT:	36,033	1345	2		
FINISH DATE:	5/24/202					LONG: -107.3440781					
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					L.S. A. M	ŧ.					
LOCATION:	Name:	Bais 1	SARS	<u>C</u> w	Well #: O	1.01				20981	
		Sand				NM		HWY-MM:	NA	<u>} </u>	
Cause of Release:		-		Material Re	eleased:	Inkno	wn	Amt. Relea	sed: U	nknown	
QUAD/UNIT:	,		22		ZIN		sw				
Spill Located Approxim	ately:		FT.		FROM	Frene	- RET	-5			
Excavation Approx:		FT. X		FT. X		FT.	Volume (cy	/tons):			
Disposal Facility:	Landfar	n (Env	intern								
Land Use:							Land Own	ər:			
REGULATORY AGEN	CY:	NMO	CD			TPH CLO	SURE STD:	100			
ADDITIONAL CLOSUF	RE REQUIREM	ENTS:							and the second second		
				V				418.1)	C	nloride	
SAMPLE NAME	TIME COLLECTED	DESC	RIPTION	TIME	PID/OV	TIME	READING	CALC ppm	TIME	mg/kg	
(5-307'	1040	S. BGT	c7'bas	-							
05-308'	1048	S.BGT	@ Sibys		1						
CJ-406'	1103	1	C l'bas	in since				[
CS.407'	1114	N. BGIT	c 7'bis				T				
CS-504	1125	N.TP				<u> </u>					
05-604'	1136	W. TPe	: 4'								
								-			
	N.										
		NC	DTES: Include	e laborator	y analysis inf	ormation					
CS-COMPOSITE SAMPLE GS-GRAB SAMPLE SB-SOIL BORING	1	no field analysis. Chase ok'd I Day 7755 for lab analysis									
TP-TEST PIT	Chase	+m	arie u	ul 600	S m	site					
DU- DECISION UNIT		Chase + Marie w/ 60G on site 2 guys from Aslamah on site									
ST-STATION	a guys	d guys non Mamah onsite									

Page 1 Of _____

Revised 6/14/2021

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Γ	CLIENT:	EOG			envi	roted	• h	Envmtl. S	pclst: KS)			
	CLIENT/JOB #:	19034-0	>013 505-6 2 505-6 2 505-6 2 FT SEC: 22 FT. FT. X FT. X CH LANDFARM MENTS: DESCRIPTION					Onsite: 9	00	Offsit	9;		
	START DATE:	6-2-22		505-63	2-0615	1-800-3	62-1879	LAT:	LAT: 36.033197				
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Construction of the local division of the lo			SANDO	JUAL		State:	nm		HWY-MM:		****		
0	Cause of Release:	BGT LE			-		UNENOU	vn	Amt. Relea	sed: _{NY}	KNOWN		
1	QUAD/UNIT	, , ,	SEC:	22	TWP:	ZIN	RNG:	5hi	PM:				
5	Spill Located Approxin	nately:		FT.		FROM	FORMER	- BGTS					
E	Excavation Approx:		_FT. X		FT. X		_FT.	Volume (c	//tons):				
[Disposal Facility:	ENVILOTEC	h Landf	ARM	-								
ļ	Land Use:				****	**************************************		Land Own	er:		******		
1	REGULATORY AGEN			.0		_	TPH CLO	SURE STD:	100 (1)	PPER	<u>4</u> ')		
4	ADDITIONAL CLOSU	RE REQUIREN	IENTS:						Andrewski andrewski andrewski andrewski	- Contraction			
		T	1	and the second	<u> </u>	/00	ТРН	(Method	onderstanders over a state of the second	C	nloride		
	SAMPLE NAME	TIME COLLECTED	DESCI	RIPTION	TIME	PID/OV ppm	TIME	READING	CALC ppm	TIME	mg/kg		
	<u>(5-7</u>	10:25	N PIT D	4'E Sirê	10:45	0.0							
	(5-8	10:32	S Rr Br	4JE 9 4,	10:54	0.0	11:08	0	0				
	<u>CS-9</u>	11:31	n Br Bi	ASF 24	11:45	0.0	11.50	4	16				
-													
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e s	CS-COMPOSITE SAMPLE GS-GRAB SAMPLE GB-SOIL BORING 'P-TEST PIT DU- DECISION UNIT	1 ADAI HALD- 3 ADAMA	MAH OF TRUCK	ING COM	- on-si-	TE W/ 31 (ARRIVE	07 ВАС р Ф 9:3	(٥	ATTON :				

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Revised 6/14/2021





CLIENT:	EOG		P3	envi	rotec	:h	Envmtl. Sr	oclst: $K \leq$	SAnc	HEZ
CLIENT/JOB #:	19034-0	013	C				Onsite:9	:00	Offsite	:15:00
START DATE:	6-21-22	2	505-632-0615 1-800-362-1879 L				LAT:	36.033	134	
FINISH DATE:			57	'96 US F	lighway 6	\$4	LONG: -	107.344	078	(
Page #	of		Farmington, NM 87401							
		inantakin tarihini Matanakin tarihi								
LOCATION:			P ARCS			001		API: 30 -		20991
	County:					nm		HWY-MM:		
Cause of Release:	BGT LEP	4K		Material R	eleased: (A	nknown		Amt. Relea	sed: Ny	1 KNOWN
QUAD/UNIT:		SEC:	22	TWP:	2111	RNG:	5W	PM:		
Spill Located Approxim	ately:	0	FT.		FROM	FORME	R BGTS	í		
Excavation Approx:		FT. X		FT. X	50.000 mm.	_FT.	Volume (cy	//tons):		
Disposal Facility:	ENVIROTE	CH LAR	PFARM							
Land Use: BLM					-		Land Owne	er: BLM		
REGULATORY AGEN	CY:	nmoo	0			TPH CLOS	SURE STD:	100		
ADDITIONAL CLOSU	RE REQUIREM	ENTS:				******			-	
		-		V	oc	ТРН	(Method 4	418.1)	C	nloride
SAMPLE NAME	TIME COLLECTED	DESCI	RIPTION	TIME	PID/OV ppm	TIME	READING	CALC ppm	TIME	mg/kg
CS-21	11:29	N. PIT E	AST WALL	11:44	0.2	11.46	5	20		
CS-22	11:51		WTH WALL		0.0	12:04	7	28		
CS-23	12:11		JEST WALL	1	0.0	12:30	3	12		
CS-24	12:35	1	OFAH WALL	8	0.0	12:54	(Ч		
	-									
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		NO ⁻	TES: Include	l e laboratory	/ analysis inf	L ormation	J		L	
CS-COMPOSITE SAMPLE GS-GRAB SAMPLE SB-SOIL BORING TP-TEST PIT DU- DECISION UNIT ST-STATION	-HAD TU READIN -BACKFI IN E-FI	es on.	FIELD S	HEET F	ANE ACI	URATE	REPRI	ESENTA	rion.	δ.

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Revised 6/14/2021



CLIENT:	EOG		63	envi	rotec	•h	Envmtl. S	pclst: K	SANC	HEZ
CLIENT/JOB #:	19034-0	013	6	~~~~~		* # #	Onsite: 9	:00	Offsite	9:36
START DATE:	6-22-22)	505-63	2-0615	1-800-3	62-1879	LAT:	36.033	134	
FINISH DATE:			57	796 US F	lighway 6	54	LONG: -	107.344	1078	(
Page #	of		Fa	rmingto	n, NM 874	01				:
LOCATION:	Name:	Bois D	ARC SI	WD	Well #:	001		API: 30 -	043-	20981
	County:	SANDO	VAL		State:	nm		HWY-MM:		
Cause of Release:	BOT LER	1K		Material R	teleased: w	NKNOW	<u>^</u>	Amt. Relea	ised: NY	iknow h
QUAD/UNIT	***	SEC:	22	TWP:	ain	RNG	:5W	PM		
Spill Located Approxir	mately:		FT.		FROM	FORM	ER B6	<u>Ts</u>		
Excavation Approx:	••••••••••••••••••••••••••••••••••••••	FT. X		_FT. X		_FT.	Volume (cy	//tons):		
Disposal Facility:	Envirotec	H LANC	PARM	_						
Land Use:	nin italia anterna da mante da compositiva da compositiva da compositiva da compositiva da compositiva da comp	********			ALIAN COMPONENT OF STATES		Land Own	er: BLM	: 	
REGULATORY AGE	NCY:	nmoci	D		-	TPH CLO	SURE STD:	100		
ADDITIONAL CLOSL	IRE REQUIREM	ENTS:				-		***		
		ľ		<u> </u> V	/00		(Method		CI	nloride
SAMPLE NAME	TIME COLLECTED	DESCF	RIPTION	TIME	PID/OV ppm	TIME	READING	CALC ppm	TIME	mg/kg
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CS-COMPOSITE SAMPLE	AFTER	RAININ	6 VEST	ERDAY	AFTERN	noon i	AND C	ONSTAN	NT 12	HIN
GS-GRAB SAMPLE					ning, Ro					
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DU- DECISION UNIT					6 TOO N					
ST-STATION	TRY TO	D EXCAL	JATE TO	more	ow (6-	~) F	WEATH	ER PE	RMIT	5.
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Revised 6/14/2021

	SITE DEDIMETED.	- 1	a Attack shales and other discussions as passing
	SITE PERIMETER: Draw a so	chematic of the spill sit	e. Attach photos and other diagrams as needed.
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		EXCAVATION O	VERVIEW:
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CLIENT: CLIENT/JOB #:	EOG 19034-0013						Envmtl. Spclst: 1 Sunchez Onsite: 9:30 Offsite: 11:45				
START DATE:			505-63	2-0615	1-800-3	62-1879	[
FINISH DATE:	MOB #: 19034-0013 Onsite: 9:30 Offsite: 10:45 DATE: 6-23-22 505-632-0615 1-800-362-1879 LAT: 36.033134 DATE:								(
Page #	of		Fa	rmingto	n, NM 874	01	1		Offsite: : 45 3 34 44078(D- 043-2038) M: leased: <u>unkhowh</u> PM: M: Chloride TIME mg/kg		
LOCATION:	Name:	BOISD	ARC S	wo	Well #:	001		API: 30-	043.	20981	
	County:	SANDO	UAL		State:	nm		HWY-MM:			
Cause of Release:						nknow	n	Amt. Relea	sed:uy	Khowh	
QUAD/UNIT	Г:	SEC:	22	TWP:	21n	RNG:	5W	PM			
Spill Located Approxi	mately:					1	R BGTI				
Excavation Approx:	••••••••••••••••••••••••••••••••••••••	FT. X	~	_FT. X		FT.	Volume (cy	//tons):	~		
Disposal Facility: Land Use:	ENVIROTEC	H LANK	FARM	_			Land Own	er:BLM			
REGULATORY AGE	NCY:	nmoc	р		_	TPH CLO	SURE STD:	100			
ADDITIONAL CLOSU	JRE REQUIREM	ENTS:		1075 Malakata Balangangangan serengan	· · ·			2 16		x	
		r		<u> v</u>	00	ТРН	(Method	418.1)	С	hloride	
SAMPLE NAME		DESCF	RIPTION	TIME	1	TIME		ppm	1	∼ mg/kg	
CS-25	10:25	W + N	BASE	10:41	6.0	10:40	Der	8x5			
CS-26	10:44	EOF N	BASE	10:57	0.0	10:59		8			
							9				
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	12			a na serie de la companya de la comp	analysis inf	Contraction (Contraction (Contraction)					
CS-COMPOSITE SAMPLE GS-GRAB SAMPLE SB-SOIL BORING TP-TEST PIT DU- DECISION UNIT ST-STATION	BEGAN EX EXCLUATE TESTED FO RESULTS ADAMAN ADAMAN	U O.5' II ON OVM IN THB H LOADE	NORTH TPH LE. 1 DEL	SIDE. Ly Dom	OF BASE. P AND I LAVATION	END Do	Mr. Will	- M4KE 2	- Roui	₩ <i>Γ</i> 730AY	

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Revised 6/14/2021



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Revised 6/14/2021



CLIENT: CLIENT/JOB #:	EDG	-e	P				Envmtl. SpcIst: G. Configuration Onsite: 10:05 Offsite: LAT: 36.0331346				
START DATE:	8/10/22	505-63									
FINISH DATE:			5796 US Highway 64				-107.3440787				
Page #	of	<u>(</u> Fa	Farmington, NM 87401			101,20000					
also a significant sala in an				and the second		(etc)		1	and the second		
LOCATION:	Name:	Bois D Arc		Well #:	Sw/D #	1	API:	30-1	43-2098		
	County:	SANDOWAI		State:			HWY-MM:				
Cause of Release:			_Material F	Released:	0	al and	Amt. Relea	sed:			
QUAD/UNIT:		SEC:	TWP:		RNG		 PM	:	-		
Spill Located Approxim	nately:	FT.		FROM		1 X.					
Excavation Approx:		FT. X	FT. X		FT.	Volume	cv/tons):				
Disposal Facility:			_				- ,				
Land Use:			_			Land Ow	ner				
REGULATORY AGEN	CY:				TPH CLO		D:				
ADDITIONAL CLOSU		IENTS:		-							
		and the second state	1	/oc	TPH	(Method	1 418.1)		hloride		
SAMPLE NAME	TIME COLLECTED	DESCRIPTION	TIME	PID/OV ppm	TIME	READING	G CALC	TIME			
CS 32	1035	NE BASE @ 6'	1045	0.0		19	76		I/A		
CS-33	1053	NW BASE (06'	1140	0.0		15	60		1		
(5-34	1115	SE BASE Q41	1125	0.0		14	54		and the second		
CS-35	1140	SW BASE PY'		0.0		14	56		V		
		200 std					189				
							101				
			-					-			
						-		-			
			-								
		NOTES: Includ	le laborator	analucie int	formation						
CS-COMPOSITE SAMPLE	LS 32			101 28 N		32 415	410.	7 24	4021		
GS-GRAB SAMPLE						55 110	•••	1. 0-			
SB-SOIL BORING	33	30.00 7-	101.	3 . 1 L)						
TP-TEST PIT	34	36.033493	- 107	344050	/						
DU- DECISION UNIT ST-STATION	35	- 36.033428	-107	34407	4						
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Revised 6/14/2021







Site Photography





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BGT Closure 5/6/2022



Picture 1: Location Placard



Picture 2: South Former BGT



Picture 3: North Former BGT



Picture 4: Former BGTs



Picture 5: Site Overview

Contamination Delineation 5/25/2022



Picture 6: South Pit Excavation (View 1)



Picture 7: South Pit Excavation (View 2)



Picture 8: North Pit Excavation (View 1)



Picture 9: North Pit Excavation (View 2)

Remediation Excavation 6/2/2022 – 6/3/2022



Picture 10: South Pit Excavation Extents



Picture 11: North Pit Excavation (View 1)



Picture 12: North Pit Excavation (View 2)

Confirmation Sampling 6/9/2022



Picture 13: South Pit North Wall (CS-10)



Picture 14: South Pit East Wall (CS-11)



Picture 15: South Pit South Wall (CS-12)



Picture 16: South Pit West Wall (CS-13)



Picture 17: South Pit Base (CS-14)



Picture 18: North Pit South Base (CS-19)

Continued Remediation Excavation 6/21/2022 – 6/23/2022



Picture 19: North Pit Excavation (View 1)



Picture 20: North Pit Excavation (View 2)

Confirmation Sampling Activities 6/30/2022



Picture 21: North Pit North Wall (CS-27)



Picture 22: North Pit East Wall (CS-28)



Picture 23: North Pit South Wall (CS-29)



Picture 24: North Pit West Wall (CS-30)



Picture 25: North Pit North Base (CS-31)

Backfill Activities



Picture 26: South Pit Backfill (View 1)



Picture 27: South Pit Backfill (View 2)



Picture 27: North Pit Backfill (View 1)





Laboratory Analytical Reports





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5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:

Bois D ARC SWD 001

Work Order: E205028

Job Number: 19084-0012

Received: 5/6/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/11/22

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: 5/11/22

Greg Crabtree 104 South 4th Street Artesia, NM 88210

Project Name: Bois D ARC SWD 001 Workorder: E205028 Date Received: 5/6/2022 3:15:00PM

Greg Crabtree,



Page 67 of 172

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/6/2022 3:15:00PM, under the Project Name: Bois D ARC SWD 001.

The analytical test results summarized in this report with the Project Name: Bois D ARC SWD 001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Field Offices:

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services Office: 505-421-LABS(5227)

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

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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QC - Nonhalogenated Organics by EPA 8015D - GRO	8
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Received by OCD: 8/23/2022 11:56:04 AM

Sample Summary

		Sample Sum	mary		
EOG Resources		Project Name:	Bois D ARC SWD	001	Reported:
104 South 4th Street		Project Number:	19084-0012		Reporteu:
Artesia NM, 88210		Project Manager:	Greg Crabtree		05/11/22 15:49
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-1	E205028-01A	Soil	05/06/22	05/06/22	Glass Jar, 4 oz.
	E205028-01B	Soil	05/06/22	05/06/22	Glass Jar, 4 oz.
CS-2	E205028-02A	Soil	05/06/22	05/06/22	Glass Jar, 4 oz.
	E205028-02B	Soil	05/06/22	05/06/22	Glass Jar, 4 oz.



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		imple D				
EOG Resources	Project Name:	Bois	DARC SWD 00	1		
104 South 4th Street	Project Numbe	er: 1908	84-0012		Reported:	
Artesia NM, 88210	Project Manag	er: Greg	g Crabtree			5/11/2022 3:49:02PM
		CS-1				
		E205028-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2220001	
Benzene	ND	0.0250	1	05/09/22	05/10/22	
Ethylbenzene	ND	0.0250	1	05/09/22	05/10/22	
Toluene	ND	0.0250	1	05/09/22	05/10/22	
p-Xylene	ND	0.0250	1	05/09/22	05/10/22	
o,m-Xylene	ND	0.0500	1	05/09/22	05/10/22	
Fotal Xylenes	ND	0.0250	1	05/09/22	05/10/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	05/09/22	05/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	: RKS		Batch: 2220001
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/09/22	05/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.5 %	70-130	05/09/22	05/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	:: JL		Batch: 2220002
Diesel Range Organics (C10-C28)	1430	50.0	2	05/09/22	05/11/22	
Dil Range Organics (C28-C36)	3400	100	2	05/09/22	05/11/22	
Surrogate: n-Nonane		112 %	50-200	05/09/22	05/11/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	: RAS		Batch: 2220017
Chloride	24.8	20.0	1	05/10/22	05/11/22	

Sample Data



Received by OCD: 8/23/2022 11:56:04 AM

Sample Data

		imple D				
EOG Resources	Project Name:	Bois	DARC SWD 001	_		
104 South 4th Street	Project Numbe	er: 190	84-0012			Reported:
Artesia NM, 88210	Project Manag	er: Gre	g Crabtree			5/11/2022 3:49:02PM
		CS-2				
	-	E205028-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2220001
Benzene	ND	0.0250	1	05/09/22	05/09/22	
Ethylbenzene	ND	0.0250	1	05/09/22	05/09/22	
oluene	ND	0.0250	1	05/09/22	05/09/22	
-Xylene	ND	0.0250	1	05/09/22	05/09/22	
o,m-Xylene	ND	0.0500	1	05/09/22	05/09/22	
Fotal Xylenes	ND	0.0250	1	05/09/22	05/09/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/09/22	05/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	RKS		Batch: 2220001
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/09/22	05/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	70-130	05/09/22	05/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: JL		Batch: 2220002
Diesel Range Organics (C10-C28)	38600	1250	50	05/09/22	05/11/22	
Dil Range Organics (C28-C36)	19200	2500	50	05/09/22	05/11/22	
Surrogate: n-Nonane		145 %	50-200	05/09/22	05/11/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	RAS		Batch: 2220017
Chloride	ND	20.0	1	05/10/22	05/11/22	



Received by OCD: 8/23/2022 11:56:04 AM

QC Summary Data

		<u> </u>		ny Dut					
EOG Resources		Project Name:	В	ois D ARC SV	VD 001				Reported:
104 South 4th Street		Project Number:	19	9084-0012					•
Artesia NM, 88210		Project Manager:	G	reg Crabtree					5/11/2022 3:49:02PM
		Volatile O	by EPA 802	21B			Analyst: RI		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2220001-BLK1)							Prepared: 0	5/09/22 A	nalyzed: 05/09/22
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	7.99		8.00		99.9	70-130			
LCS (2220001-BS1)	Prepared: 05/09/22 Analyzed: 05/								
Benzene	5.12	0.0250	5.00		102	70-130			
Ethylbenzene	4.73	0.0250	5.00		94.5	70-130			
Toluene	4.97	0.0250	5.00		99.4	70-130			
p-Xylene	4.92	0.0250	5.00		98.3	70-130			
p,m-Xylene	9.75	0.0500	10.0		97.5	70-130			
Total Xylenes	14.7	0.0250	15.0		97.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.39		8.00		105	70-130			
Matrix Spike (2220001-MS1)				Source:	E205028-	02	Prepared: 0	5/09/22 A	nalyzed: 05/09/22
Benzene	5.79	0.0250	5.00	ND	116	54-133			
Ethylbenzene	5.37	0.0250	5.00	ND	107	61-133			
Toluene	5.64	0.0250	5.00	ND	113	61-130			
p-Xylene	5.58	0.0250	5.00	ND	112	63-131			
o,m-Xylene	11.0	0.0500	10.0	ND	110	63-131			
Total Xylenes	16.6	0.0250	15.0	ND	111	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.31		8.00		104	70-130			
Matrix Spike Dup (2220001-MSD1)				Source:	E205028-	02	Prepared: 0	5/09/22 A	nalyzed: 05/09/22
Benzene	5.50	0.0250	5.00	ND	110	54-133	5.13	20	
Ethylbenzene	5.14	0.0250	5.00	ND	103	61-133	4.45	20	
Toluene	5.37	0.0250	5.00	ND	107	61-130	4.92	20	
o-Xylene	5.33	0.0250	5.00	ND	107	63-131	4.56	20	
p,m-Xylene	10.6	0.0500	10.0	ND	106	63-131	4.37	20	
Total Xylenes	15.9	0.0250	15.0	ND	106	63-131	4.43	20	
Surrogate: 4-Bromochlorobenzene-PID	8.33		8.00		104	70-130			


QC Summary Data

		QC D	uIIIII	ary Data	a a a a a a a a a a a a a a a a a a a				
EOG Resources 104 South 4th Street Artesia NM, 88210		Project Name: Project Number: Project Manager:	1	ois D ARC SW 9084-0012 ireg Crabtree	/D 001				Reported: 5/11/2022 3:49:02PM
	No	nhalogenated C	Organics	by EPA 801	[5D - G]	RO			Analyst: RKS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2220001-BLK1)							Prepared: 0	5/09/22 A	Analyzed: 05/09/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.8	70-130			
LCS (2220001-BS2)							Prepared: 0	5/09/22 A	Analyzed: 05/09/22
Gasoline Range Organics (C6-C10)	51.3	20.0	50.0		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.8	70-130			
Matrix Spike (2220001-MS2)				Source:	E205028-	02	Prepared: 0	5/09/22 A	Analyzed: 05/09/22
Gasoline Range Organics (C6-C10)	53.1	20.0	50.0	ND	106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.14		8.00		89.2	70-130			
Matrix Spike Dup (2220001-MSD2)				Source:	E205028-	02	Prepared: 0	5/09/22 A	Analyzed: 05/09/22
Gasoline Range Organics (C6-C10)	53.0	20.0	50.0	ND	106	70-130	0.151	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.9	70-130			



QC Summary Data

		QC S		ary Data	L				
EOG Resources 104 South 4th Street Artesia NM, 88210		Project Name: Project Number: Project Manager:	1	Bois D ARC SW 9084-0012 Greg Crabtree	D 001				Reported: 5/11/2022 3:49:02PM
	Nonh	alogenated Org	anics by	EPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2220002-BLK1)							Prepared: 0	5/09/22 A	analyzed: 05/11/22
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	49.7		50.0		99.3	50-200			
LCS (2220002-BS1)							Prepared: 0	5/09/22 A	analyzed: 05/11/22
Diesel Range Organics (C10-C28)	468	25.0	500		93.6	38-132			
Surrogate: n-Nonane	49.1		50.0		98.1	50-200			
Matrix Spike (2220002-MS1)				Source: I	E205022-	02	Prepared: 0	5/09/22 A	analyzed: 05/11/22
Diesel Range Organics (C10-C28)	622	25.0	500	ND	124	38-132			
Surrogate: n-Nonane	60.1		50.0		120	50-200			
Matrix Spike Dup (2220002-MSD1)				Source: I	E205022-	02	Prepared: 0	5/09/22 A	analyzed: 05/11/22
Diesel Range Organics (C10-C28)	626	25.0	500	ND	125	38-132	0.700	20	
Surrogate: n-Nonane	66.5		50.0		133	50-200			



QC Summary Data

			•	···· J – ···					
EOG Resources		Project Name:		Bois D ARC SV	WD 001				Reported:
104 South 4th Street		Project Number:		9084-0012					
Artesia NM, 88210		Project Manager	: (Greg Crabtree					5/11/2022 3:49:02PM
		Anions	by EPA	300.0/90564	4				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2220017-BLK1)							Prepared: 0	5/10/22 A	analyzed: 05/10/22
Chloride	ND	20.0							
LCS (2220017-BS1)							Prepared: 0	5/10/22 A	analyzed: 05/10/22
Chloride	247	20.0	250		98.7	90-110			
Matrix Spike (2220017-MS1)				Source:	E205022-	01	Prepared: 0	5/10/22 A	analyzed: 05/10/22
Chloride	254	20.0	250	ND	101	80-120			
Matrix Spike Dup (2220017-MSD1)				Source:	E205022-	01	Prepared: 0	5/10/22 A	analyzed: 05/10/22
Chloride	253	20.0	250	ND	101	80-120	0.347	20	

QC Summary Report Comment:

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



EOG Resources	Project Name:	Bois D ARC SWD 001	
104 South 4th Street	Project Number:	19084-0012	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	05/11/22 15:49

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
FIUJELL	momation

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Page _____ of _____

Project Ir	nformation						Chain c	f Custody													F	Page	L_of_
Project:		ALC SI Felipe A	ر می ragon		jadte		Bill To tention: Idress: ty, State, Zip		Lab E.o	wo#		8	se Or Job 190 Analy	Num 84	-00	12		2D	TA 3D	AT Stand	lard	EPA P CWA	SDW
<u>City, Stat</u> Phone:	e, Zip Garcia B. Ha	ll F.Arago	on G. Ci	rabtree	- - <u>T. Knigh</u>	<u>Ph</u> En	nail:		DRO/ORO by 8015	O by 8015	8021				Semi-Volitiles 8270							State UT AZ	X
Time Sampled	Date Sampled	Matrix	No. of Contain		- nple ID			Lab Number	DRO/OR	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Semi-Vo	RCI	PCB's					Remarks	i
13102	5/6/2020	• 5	2		CS-	1							-										
13:47	5/6/2422	5	٢		C5-	Ζ		2	×	×	K,			ギ									
							· · · · · · · · · · · · · · · · · · ·																
																	_						
	al Instructio							- 41 1- 1-					Sample	e paul	ring the			ion mu	rt ha rar	ahad on ice	the day th	iey are samp	lad or mea
	of collection is co						at tampering with or intentionally mislabellir <u>Sampled by: Isaac Garcia</u>								-		above () but les	is than 6	°C on subse			
En-	ed by: (Signatur ed by: (Signatur			ate Ze/ce ate	Tim	5:15	Received by: (Signature) Received by: (Signature)	Date	2	Time Time	51	5	Rece	eived	l on i	ce:	P	ab Us Y N	e On	lý (†			
	ed by: (Signatur			ate	Tim		Received by: (Signature)	Date		Time			<u>T1</u>			<u> </u>	<u>T2</u> [<u>T3</u>	ی در (یوند مانده در ا		
Samnle Mat	rix: S - Soil, Sd - So	lid Se-Slue			- Other			Container	Type	. .	lass	D - D4			np °C		T	s. v -	VOA		<u>.</u>		
Note: Sam	ples are discard	ed 30 days	after re:	sults are	reported u		r arrangements are made. Hazardous so this COC. The liability of the laboratory	mples will be	retur	ned to	o clien	nt or d	ispose	d of a						port for th	ie analy:	sis of the a	above
							Page 12																

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	EOG Resources	Date Received:	05/06/22	15:15	Work Order ID:	E205028
Phone:	(575) 748-4217	Date Logged In:	05/06/22	6:15	Logged In By:	Alexa Michaels
Email:		Due Date:	05/11/22	17:00 (3 day TAT)		
Chain of	f Custody (COC)					
1. Does t	the sample ID match the COC?		Yes			
2. Does t	the number of samples per sampling site location match	h the COC	Yes			
3. Were a	samples dropped off by client or carrier?		Yes	Carrier: Isaac Garcia		
4. Was th	ne COC complete, i.e., signatures, dates/times, requested	ed analyses?	Yes			
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in t i.e, 15 minute hold time, are not included in this disucssion		Yes		Commen	ts/Resolution
Sample '	<u>Turn Around Time (TAT)</u>					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample	<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes			
10. Were	e custody/security seals present?		No			
11. If yes	s, were custody/security seals intact?		NA			
12. Was t	he sample received on ice? If yes, the recorded temp is 4°C, i. Note: Thermal preservation is not required, if samples are a minutes of sampling	<i>,</i>	Yes			
13. If no	visible ice, record the temperature. Actual sample to	emperature: 4°	С			
	Container		-			
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?		Yes			
	appropriate volume/weight or number of sample containe	rs collected?	Yes			
Field La						
-	e field sample labels filled out with the minimum inform	mation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		Yes			
	Preservation	aamuad 9	ът.			
	the COC or field labels indicate the samples were pre-	served?	No Na			
	sample(s) correctly preserved? o filteration required and/or requested for dissolved me	tale?	NA No			
			INU			
	ase Sample Matrix	.0				
	the sample have more than one phase, i.e., multiphase		No			
	s, does the COC specify which phase(s) is to be analyz	eu?	NA			
	ract Laboratory	0				
	samples required to get sent to a subcontract laboratory	r <u>?</u>	No			
	a subcontract laboratory specified by the client and if s		NA	Subcontract Lab: NA		

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



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5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name: Bois D Arc SWD #001 Delineation

Work Order: E205128

Job Number: 19034-0013

Received: 5/24/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/26/22

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: 5/26/22

Greg Crabtree 104 South 4th Street Artesia, NM 88210



Page 80 of 172

Project Name: Bois D Arc SWD #001 Delineation Workorder: E205128 Date Received: 5/24/2022 2:33:00PM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/24/2022 2:33:00PM, under the Project Name: Bois D Arc SWD #001 Delineation.

The analytical test results summarized in this report with the Project Name: Bois D Arc SWD #001 Delineation apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Field Offices:

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759

ljarboe@envirotech-inc.com

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

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

		Sample Sum	mary		
EOG Resources 104 South 4th Street Artesia NM, 88210		Project Name: Project Number: Project Manager:	Bois D Arc SWD # 19034-0013 Greg Crabtree	001 Delineation	Reported: 05/26/22 12:38
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
•	•		_		
CS-3 @ 7'	E205128-01A	Soil	05/24/22	05/24/22	Glass Jar, 2 oz.
	E205128-01B	Soil	05/24/22	05/24/22	Glass Jar, 4 oz.
CS-3 @ 8'	E205128-02A	Soil	05/24/22	05/24/22	Glass Jar, 2 oz.
	E205128-02B	Soil	05/24/22	05/24/22	Glass Jar, 4 oz.
CS-4 @ 6'	E205128-03A	Soil	05/24/22	05/24/22	Glass Jar, 2 oz.
	E205128-03B	Soil	05/24/22	05/24/22	Glass Jar, 4 oz.
CS-4 @ 7'	E205128-04A	Soil	05/24/22	05/24/22	Glass Jar, 2 oz.
	E205128-04B	Soil	05/24/22	05/24/22	Glass Jar, 4 oz.
CS-5 @ 4'	E205128-05A	Soil	05/24/22	05/24/22	Glass Jar, 2 oz.
	E205128-05B	Soil	05/24/22	05/24/22	Glass Jar, 4 oz.
CS-6 @ 4'	E205128-06A	Soil	05/24/22	05/24/22	Glass Jar, 2 oz.
	E205128-06B	Soil	05/24/22	05/24/22	Glass Jar, 4 oz.



	5		ata			
EOG Resources	Project Name			001 Delineation		
104 South 4th Street	Project Numb		34-0013			Reported:
Artesia NM, 88210	Project Mana	iger: Greg	g Crabtree			5/26/2022 12:38:01PM
		CS-3 @ 7'				
		E205128-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2222029
Benzene	ND	0.0250	1	05/24/22	05/24/22	
Ethylbenzene	ND	0.0250	1	05/24/22	05/24/22	
Foluene	ND	0.0250	1	05/24/22	05/24/22	
o-Xylene	ND	0.0250	1	05/24/22	05/24/22	
o,m-Xylene	ND	0.0500	1	05/24/22	05/24/22	
Fotal Xylenes	ND	0.0250	1	05/24/22	05/24/22	
Surrogate: 4-Bromochlorobenzene-PID		98.4 %	70-130	05/24/22	05/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2222029
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/22	05/24/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.8 %	70-130	05/24/22	05/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2222031
Diesel Range Organics (C10-C28)	ND	25.0	1	05/24/22	05/24/22	
Dil Range Organics (C28-C36)	ND	50.0	1	05/24/22	05/24/22	
Surrogate: n-Nonane		118 %	50-200	05/24/22	05/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2222030
Chloride	34.6	20.0	1	05/24/22	05/24/22	

Sample Data



Sample Data

		impic D					
EOG Resources	Project Name:	Bois	S D Arc SWD #00	l Delineation			
104 South 4th Street	Project Numbe	r: 190	34-0013			Reported:	
Artesia NM, 88210	Project Manage	er: Gre	g Crabtree			5/26/2022 12:38:01PM	
		CS-3 @ 8'					
]	E205128-02					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	:: IY		Batch: 2222029	
Benzene	ND	0.0250	1	05/24/22	05/24/22		
Ethylbenzene	ND	0.0250	1	05/24/22	05/24/22		
Toluene	ND	0.0250	1	05/24/22	05/24/22		
p-Xylene	ND	0.0250	1	05/24/22	05/24/22		
o,m-Xylene	ND	0.0500	1	05/24/22	05/24/22		
Total Xylenes	ND	0.0250	1	05/24/22	05/24/22		
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	05/24/22	05/24/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	:: IY		Batch: 2222029	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/22	05/24/22		
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.0 %	70-130	05/24/22	05/24/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	:: JL		Batch: 2222031	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/24/22	05/24/22		
Oil Range Organics (C28-C36)	ND	50.0	1	05/24/22	05/24/22		
Surrogate: n-Nonane		101 %	50-200	05/24/22	05/24/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: KL		Batch: 2222030	
Chloride	60.6	20.0	1	05/24/22	05/24/22		

Sample Data

3 D Arc SWD #00 34-0013 g Crabtree	1 Delineation		Reported:	
			Reported:	
g Crabtree				
			5/26/2022 12:38:01PM	
Dilution	Prepared	Analyzed	Notes	
Analys	t: IY		Batch: 2222029	
1	05/24/22	05/24/22		
1	05/24/22	05/24/22		
1	05/24/22	05/24/22		
1	05/24/22	05/24/22		
1	05/24/22	05/24/22		
1	05/24/22	05/24/22		
70-130	05/24/22	05/24/22		
Analys	t: IY		Batch: 2222029	
1	05/24/22	05/24/22		
70-130	05/24/22	05/24/22		
Analys	t: JL		Batch: 2222031	
1	05/24/22	05/24/22		
1	05/24/22	05/24/22		
50-200	05/24/22	05/24/22		
Analys	t: KL		Batch: 2222030	
1	05/24/22	05/24/22		
	Analys 1 1 1 1 1 1 1 1 1 1 70-130 Analys 1 70-130 Analys 1 1 50-200 Analys	Dilution Prepared Analyst:	Dilution Prepared Analyzed Analyst: IV 1 05/24/22 05/24/22 1 05/24/22 05/24/22 1 05/24/22 05/24/22 1 05/24/22 05/24/22 1 05/24/22 05/24/22 1 05/24/22 05/24/22 1 05/24/22 05/24/22 1 05/24/22 05/24/22 70-130 05/24/22 05/24/22 1 05/24/22 05/24/22 70-130 05/24/22 05/24/22 1 05/24/22 05/24/22 70-130 05/24/22 05/24/22 1 05/24/22 05/24/22 70-130 05/24/22 05/24/22 1 05/24/22 05/24/22 1 05/24/22 05/24/22 50-200 05/24/22 05/24/22	

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Sample Data

		imple D				
EOG Resources	Project Name:	Bois	s D Arc SWD #00	Delineation		
104 South 4th Street	Project Numbe	er: 190.	34-0013			Reported:
Artesia NM, 88210	Project Manag	er: Gre	g Crabtree			5/26/2022 12:38:01PM
		CS-4 @ 7'				
		E205128-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: IY		Batch: 2222029
Benzene	ND	0.0250	1	05/24/22	05/24/22	
Ethylbenzene	ND	0.0250	1	05/24/22	05/24/22	
Toluene	ND	0.0250	1	05/24/22	05/24/22	
p-Xylene	ND	0.0250	1	05/24/22	05/24/22	
o,m-Xylene	ND	0.0500	1	05/24/22	05/24/22	
Total Xylenes	ND	0.0250	1	05/24/22	05/24/22	
Surrogate: 4-Bromochlorobenzene-PID		98.9 %	70-130	05/24/22	05/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: IY		Batch: 2222029
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/22	05/24/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.1 %	70-130	05/24/22	05/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: JL		Batch: 2222031
Diesel Range Organics (C10-C28)	ND	25.0	1	05/24/22	05/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/24/22	05/24/22	
Surrogate: n-Nonane		100 %	50-200	05/24/22	05/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: KL		Batch: 2222030
Chloride	40.1	20.0	1	05/24/22	05/24/22	



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Sample Data

	56	ample D	ata			
EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 1903	D Arc SWD #0 34-0013 g Crabtree	01 Delineation		Reported: 5/26/2022 12:38:01PM
711030 FIN, 00210			5 Clubice			0/20/2022 12:00:01111
		CS-5 @ 4' E205128-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2222029
Benzene	ND	0.0250	1	05/24/22	05/24/22	
Ethylbenzene	ND	0.0250	1	05/24/22	05/24/22	
Toluene	ND	0.0250	1	05/24/22	05/24/22	
o-Xylene	ND	0.0250	1	05/24/22	05/24/22	
p,m-Xylene	ND	0.0500	1	05/24/22	05/24/22	
Total Xylenes	ND	0.0250	1	05/24/22	05/24/22	
Surrogate: 4-Bromochlorobenzene-PID		99.7 %	70-130	05/24/22	05/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2222029
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/22	05/24/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.4 %	70-130	05/24/22	05/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2222031
Diesel Range Organics (C10-C28)	ND	25.0	1	05/24/22	05/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/24/22	05/24/22	
Surrogate: n-Nonane		107 %	50-200	05/24/22	05/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2222030
Chloride	ND	20.0	1	05/24/22	05/24/22	



Sample Data

	~					
EOG Resources	Project Name	e: Bois	s D Arc SWD #00	1 Delineation		
104 South 4th Street	Project Num	ber: 190	34-0013			Reported:
Artesia NM, 88210	Project Mana	ager: Gre	g Crabtree			5/26/2022 12:38:01PM
		CS-6 @ 4'				
		E205128-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2222029
Benzene	ND	0.0250	1	05/24/22	05/24/22	
Ethylbenzene	ND	0.0250	1	05/24/22	05/24/22	
Toluene	ND	0.0250	1	05/24/22	05/24/22	
p-Xylene	ND	0.0250	1	05/24/22	05/24/22	
o,m-Xylene	ND	0.0500	1	05/24/22	05/24/22	
Fotal Xylenes	ND	0.0250	1	05/24/22	05/24/22	
Surrogate: 4-Bromochlorobenzene-PID		93.0 %	70-130	05/24/22	05/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2222029
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/22	05/24/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	05/24/22	05/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2222031
Diesel Range Organics (C10-C28)	ND	25.0	1	05/24/22	05/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/24/22	05/25/22	
Surrogate: n-Nonane		104 %	50-200	05/24/22	05/25/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2222030
Chloride	ND	20.0	1	05/24/22	05/24/22	

OC Summary Data

EOG Resources 104 South 4th Street Artesia NM, 88210		Project Name: Project Number: Project Manager:	19	ois D Arc SWI 9034-0013 reg Crabtree	D #001 De	elineation			Reported: 5/26/2022 12:38:01PM
·				by EPA 802	1B				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2222029-BLK1)						1	Prepared: 0	5/24/22 A	Analyzed: 05/24/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
-Xylene	ND	0.0250							
,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
urrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.2	70-130			
LCS (2222029-BS1)						1	Prepared: 0	5/24/22 A	Analyzed: 05/24/22
Benzene	5.20	0.0250	5.00		104	70-130			
Ethylbenzene	4.67	0.0250	5.00		93.4	70-130			
Toluene	4.97	0.0250	5.00		99.4	70-130			
-Xylene	4.86	0.0250	5.00		97.2	70-130			
,m-Xylene	9.61	0.0500	10.0		96.1	70-130			
Total Xylenes	14.5	0.0250	15.0		96.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		97.0	70-130			
LCS Dup (2222029-BSD1)							Prepared: 0	5/24/22 A	Analyzed: 05/24/22
Benzene	5.19	0.0250	5.00		104	70-130	0.248	20	
Ethylbenzene	4.66	0.0250	5.00		93.2	70-130	0.240	20	
Toluene	4.96	0.0250	5.00		99.2	70-130	0.194	20	
-Xylene	4.86	0.0250	5.00		97.1	70-130	0.130	20	
,m-Xylene	9.59	0.0500	10.0		95.9	70-130	0.237	20	
Total Xylenes	14.4	0.0250	15.0		96.3	70-130	0.201	20	



OC Summary Data

		QC L	Juiiiii	ary Data	a				
EOG Resources 104 South 4th Street Artesia NM, 88210		Project Name: Project Number Project Manager	: 1	Bois D Arc SW 9034-0013 Greg Crabtree	D #001 De	elineation			Reported: 5/26/2022 12:38:01PM
	Nor	halogenated	Organics	by EPA 80	15D - G	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2222029-BLK1)							Prepared: 0	5/24/22 A	nalyzed: 05/24/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.14		8.00		89.3	70-130			
LCS (2222029-BS2)							Prepared: 0	5/24/22 A	analyzed: 05/24/22
Gasoline Range Organics (C6-C10)	46.1	20.0	50.0		92.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.1	70-130			
LCS Dup (2222029-BSD2)							Prepared: 0	5/24/22 A	analyzed: 05/25/22
Gasoline Range Organics (C6-C10)	48.0	20.0	50.0		96.0	70-130	4.06	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.9	70-130			



QC Summary Data

		QC BI		ary Data	l				
EOG Resources 104 South 4th Street Artesia NM, 88210		Project Name: Project Number: Project Manager:	1	Bois D Arc SWI 19034-0013 Greg Crabtree	D #001 De	elineation			Reported: 5/26/2022 12:38:01PM
	Nonh	alogenated Orga	anics by	y EPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2222031-BLK1)							Prepared: 0	5/24/22 A	Analyzed: 05/24/22
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							•
Surrogate: n-Nonane	51.6		50.0		103	50-200			
LCS (2222031-BS1)							Prepared: 0	5/24/22 A	Analyzed: 05/24/22
Diesel Range Organics (C10-C28)	485	25.0	500		96.9	38-132			
Surrogate: n-Nonane	48.3		50.0		96.6	50-200			
Matrix Spike (2222031-MS1)				Source: I	E205128-	03	Prepared: 0	5/24/22 A	Analyzed: 05/24/22
Diesel Range Organics (C10-C28)	495	25.0	500	ND	99.0	38-132			
Surrogate: n-Nonane	49.5		50.0		98.9	50-200			
Matrix Spike Dup (2222031-MSD1)				Source: I	E205128-	03	Prepared: 0	5/24/22 A	Analyzed: 05/24/22
Diesel Range Organics (C10-C28)	509	25.0	500	ND	102	38-132	2.67	20	
Surrogate: n-Nonane	43.2		50.0		86.3	50-200			



QC Summary Data

		QU D	umm	ury Duc						
EOG Resources 104 South 4th Street Artesia NM, 88210		Project Name: Project Number: Project Manager:		Bois D Arc SW 19034-0013 Greg Crabtree	D #001 De	lineation			Repo 5/26/2022	
		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 %	t	lotes
Blank (2222030-BLK1)							Prepared: 0	5/24/22	Analyzed: 0	5/24/22
Chloride	ND	20.0								
LCS (2222030-BS1)							Prepared: 0	5/24/22	Analyzed: 05	5/24/22
Chloride	254	20.0	250		101	90-110				
Matrix Spike (2222030-MS1)				Source:	E205128-(01	Prepared: 0	5/24/22	Analyzed: 05	5/24/22
Chloride	289	20.0	250	34.6	102	80-120				
Matrix Spike Dup (2222030-MSD1)				Source:	E205128-	01	Prepared: 0	5/24/22	Analyzed: 05	5/24/22
Chloride	289	20.0	250	34.6	102	80-120	0.0588	20		
Chioride	289	20.0	230	54.0	102	00-120	0.0588	20		

QC Summary Report Comment:

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



EOG Resources	Project Name:	Bois D Arc SWD #001 Delineation	
104 South 4th Street	Project Number:	19034-0013	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	05/26/22 12:38

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					с	hain of Custo	dy									P	age
<u>Client:</u> 606 Project: 63:5 D Av Project Manager: Gr	പ്പട്ടുക്യി eg Crabtr	3001 -	Delinea		Bill To Attention: Address:		Lab Eó	wo#	Lab	8	e Only Job Number 19 034-6013	X	2D	TA 3D			Program SDWA
Address: City, State, Zip Phone: Email: Tknight Gcrabt Dcarter Report due by:	ree Bhall	Igarcia KS	ianchez		<u>City, State, Zip</u> Phone: Email:		600000000	11			Analysis and Method				NM (State	Program SDWA RCRA Z TX S On I CC
Time Sampled Date Sampled	Matrix	No. of Containers	Sample ID	II		Lab Number	99	1-603	5							Remark	s
1040 State	S	2			307'	1	1	Y	X						140	- 3001/1-1001 2 ja 1	, onice 207jan
1048				<u>cs-3</u>	C 8`	2	X	7	X								-
100				<u> </u>	-	3	a	7	$\mathbf{\mathbf{x}}$								
1114				<u>cs-4</u>	e 7'	4	1	+	7								
125	\square		(25-5	⁻ С 4' СЧ`	5	1	1	*	\downarrow							
BU -	<u> </u>		(<u> 25-6</u>	C4'	\square	+	X	*								
										_							
										_							
										+							
Additional Instructio	ns:																
, (field sampler), attest to the late or time of collection is c					that tampering with or intentionally mislabe Sampled by: 4 .Sancher						amples requiring thermal p backed in ice at an avg temp	above 0) but les	ss than 6	i°C on subseque	• •	pled or received
Refinguished by: (Signatur	<u>u</u>	Date G.C Date	74.22	Time 1432 Time	Received by: (Signature) Received by: (Signature)	Date 5/24/ Date	1	Time		S F	Received on ice:) N	ie On	lγ		
telinquished by: (Signatu	e)	Date		Time	Received by: (Signature)	Date		Time			۲ <u>۱</u> AVG Temp °C_	<u>T2</u>			T3		
Sample Matrix: S - Soil, Sd - S Note: Samples are discard					L					- pol	y/plastic, ag - ambe	r glas					· · · · · · · · · · · · · · · · · · ·

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Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	EOG Resources D	ate Received:	05/24/22 14:3	3		Work Order ID:	E205128
Phone:	(575) 748-4217 D	ate Logged In:	05/24/22 14:4	3		Logged In By:	Caitlin Christian
Email:		ue Date:	05/25/22 17:0	0 (1 day TAT)			
Chain o	f Custody (COC)						
1. Does	the sample ID match the COC?		Yes				
2. Does	the number of samples per sampling site location match	the COC	Yes				
3. Were	samples dropped off by client or carrier?		Yes	Carrier: Bri	ttany Hall		
4. Was tl	he COC complete, i.e., signatures, dates/times, requested	l analyses?	Yes				
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes	_		Commen	s/Resolution
Sample '	<u>Turn Around Time (TAT)</u>						
6. Did th	ne COC indicate standard TAT, or Expedited TAT?		Yes				
<u>Sample</u>	Cooler						
7. Was a	a sample cooler received?		Yes				
8. If yes,	, was cooler received in good condition?		Yes				
9. Was th	he sample(s) received intact, i.e., not broken?		Yes				
10. Were	e custody/security seals present?		No				
11. If ye	s, were custody/security seals intact?		NA				
12. Was t	the sample received on ice? If yes, the recorded temp is 4°C, i.e Note: Thermal preservation is not required, if samples are re minutes of sampling		Yes				
13. If no	visible ice, record the temperature. Actual sample ter	nperature: 4°	С				
	Container	1	-				
	aqueous VOC samples present?		No				
	VOC samples collected in VOA Vials?		NA				
	e head space less than 6-8 mm (pea sized or less)?		NA				
17. Was	a trip blank (TB) included for VOC analyses?		NA				
18. Are 1	non-VOC samples collected in the correct containers?		Yes				
10 7 1	e appropriate volume/weight or number of sample containers	s collected?	Yes				
19. Is the	abel						
19. Is the Field La							
Field La	e field sample labels filled out with the minimum inform	ation:					
Field La 20. Were	e field sample labels filled out with the minimum inform Sample ID?	ation:	Yes				
Field La 20. Were S	e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected?	ation:	Yes				
Field La 20. Were S I	e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name?	ation:					
Field La 20. Were I Sample	e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u>		Yes Yes				
Field La 20. Were 5 1 0 0 5 5 8 8 9 21. Does	e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese		Yes Yes No				
Field La 20. Were 5 1 0 5 5 5 5 21. Does 22. Are 5	e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved?	erved?	Yes Yes No NA				
Field La 20. Were 5 1 0 2 21. Does 22. Are s 24. Is lab	e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta	erved?	Yes Yes No				
Field La 20. Were 3 1 0 21. Does 22. Are s 24. Is lat Multiph	e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta tase Sample Matrix	erved? als?	Yes Yes No NA No				
Field La 20. Were S I C Sample 21. Does 22. Are s 24. Is lat Multiph 26. Does	e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta <u>nase Sample Matrix</u> s the sample have more than one phase, i.e., multiphase?	erved? als?	Yes Yes No No No				
Sample 20. Were 20. Were 1 0 Sample 21. Does 22. Are s 24. Is lat Multiph 26. Does 27. If yet	e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta mase Sample Matrix s the sample have more than one phase, i.e., multiphase? is, does the COC specify which phase(s) is to be analyze	erved? als?	Yes Yes No NA No				
Field La 20. Were 5 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta mase Sample Matrix s the sample have more than one phase, i.e., multiphase? is, does the COC specify which phase(s) is to be analyze tract Laboratory	erved? als? d?	Yes Yes No No NA				
Field La 20. Were 2 1 0 Sample 21. Does 22. Are s 24. Is lat Multiph 26. Does 27. If yet Subcont 28. Are s	e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta mase Sample Matrix s the sample have more than one phase, i.e., multiphase? is, does the COC specify which phase(s) is to be analyze	erved? als? d?	Yes Yes No NA No NA No	bcontract Lab: 1			

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



envirotech Inc.





5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:

Bois D Arc SWD #001

Work Order: E206061

Job Number: 19034-0013

Received: 6/9/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/16/22

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: 6/16/22

Greg Crabtree 104 South 4th Street Artesia, NM 88210

Project Name: Bois D Arc SWD #001 Workorder: E206061 Date Received: 6/9/2022 3:52:00PM

Greg Crabtree,



Page 97 of 172

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/9/2022 3:52:00PM, under the Project Name: Bois D Arc SWD #001.

The analytical test results summarized in this report with the Project Name: Bois D Arc SWD #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summarv

		Sample Sum	illal y		
EOG Resources		Project Name:	Bois D Arc SWD #	001	Reported:
104 South 4th Street		Project Number:	19034-0013		•
Artesia NM, 88210		Project Manager:	Greg Crabtree		06/16/22 12:37
lient Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-10	E206061-01A	Soil	06/09/22	06/09/22	Glass Jar, 4 oz.
	E206061-01B	Soil	06/09/22	06/09/22	Glass Jar, 4 oz.
2S-11	E206061-02A	Soil	06/09/22	06/09/22	Glass Jar, 4 oz.
	E206061-02B	Soil	06/09/22	06/09/22	Glass Jar, 4 oz.
S-12	E206061-03A	Soil	06/09/22	06/09/22	Glass Jar, 4 oz.
	E206061-03B	Soil	06/09/22	06/09/22	Glass Jar, 4 oz.
S-13	E206061-04A	Soil	06/09/22	06/09/22	Glass Jar, 4 oz.
	E206061-04B	Soil	06/09/22	06/09/22	Glass Jar, 4 oz.
S-14	E206061-05A	Soil	06/09/22	06/09/22	Glass Jar, 4 oz.
	E206061-05B	Soil	06/09/22	06/09/22	Glass Jar, 4 oz.
S-15	E206061-06A	Soil	06/09/22	06/09/22	Glass Jar, 4 oz.
	E206061-06B	Soil	06/09/22	06/09/22	Glass Jar, 4 oz.
S-16	E206061-07A	Soil	06/09/22	06/09/22	Glass Jar, 4 oz.
	E206061-07B	Soil	06/09/22	06/09/22	Glass Jar, 4 oz.
S-17	E206061-08A	Soil	06/09/22	06/09/22	Glass Jar, 4 oz.
	E206061-08B	Soil	06/09/22	06/09/22	Glass Jar, 4 oz.
S-18	E206061-09A	Soil	06/09/22	06/09/22	Glass Jar, 4 oz.
	E206061-09B	Soil	06/09/22	06/09/22	Glass Jar, 4 oz.
S-19	E206061-10A	Soil	06/09/22	06/09/22	Glass Jar, 4 oz.
	E206061-10B	Soil	06/09/22	06/09/22	Glass Jar, 4 oz.
S-20	E206061-11A	Soil	06/09/22	06/09/22	Glass Jar, 4 oz.
•	E206061-11B	Soil	06/09/22	06/09/22	Glass Jar, 4 oz.



	~					
EOG Resources	Project Nam	e: Bois	D Arc SWI	D #001		
104 South 4th Street	Project Num		19034-0013			Reported:
Artesia NM, 88210	Project Mana	ager: Gre	g Crabtree			6/16/2022 12:37:20PM
		CS-10				
		E206061-01				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	analyst: RKS		Batch: 2225003
Benzene	ND	0.0250	1	06/13/22	06/14/22	
Ethylbenzene	ND	0.0250	1	06/13/22	06/14/22	
Toluene	ND	0.0250	1	06/13/22	06/14/22	
o-Xylene	ND	0.0250	1	06/13/22	06/14/22	
p,m-Xylene	ND	0.0500	1	06/13/22	06/14/22	
Total Xylenes	ND	0.0250	1	06/13/22	06/14/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130	06/13/22	06/14/22	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130	06/13/22	06/14/22	
Surrogate: Toluene-d8		95.9 %	70-130	06/13/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	analyst: RKS		Batch: 2225003
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/22	06/14/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130	06/13/22	06/14/22	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130	06/13/22	06/14/22	
Surrogate: Toluene-d8		95.9 %	70-130	06/13/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: JL		Batch: 2225009
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/22	06/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/22	06/14/22	
Surrogate: n-Nonane		112 %	50-200	06/14/22	06/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	analyst: RAS		Batch: 2225007
Chloride	244	20.0	1	06/13/22	06/13/22	

Sample Data



Sample Data

	D	ample D	utu				
EOG Resources	Project Name	: Bois	D Arc SW	D #001			
104 South 4th Street	Project Numb	er: 1903	34-0013				Reported:
Artesia NM, 88210	Project Mana	ger: Greg	g Crabtree				6/16/2022 12:37:20PM
		CS-11					
		E206061-02					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	RKS		Batch: 2225003
Benzene	ND	0.0250	1	1	06/13/22	06/14/22	
Ethylbenzene	ND	0.0250	1	1	06/13/22	06/14/22	
Toluene	ND	0.0250	1	1	06/13/22	06/14/22	
p-Xylene	ND	0.0250	1	l	06/13/22	06/14/22	
p,m-Xylene	ND	0.0500	1	l	06/13/22	06/14/22	
Fotal Xylenes	ND	0.0250	1	1	06/13/22	06/14/22	
Surrogate: Bromofluorobenzene		94.0 %	70-130		06/13/22	06/14/22	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		06/13/22	06/14/22	
Surrogate: Toluene-d8		95.3 %	70-130		06/13/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2225003
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	06/13/22	06/14/22	
Surrogate: Bromofluorobenzene		94.0 %	70-130		06/13/22	06/14/22	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		06/13/22	06/14/22	
Surrogate: Toluene-d8		95.3 %	70-130		06/13/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	L		Batch: 2225009
Diesel Range Organics (C10-C28)	ND	25.0	1	1	06/14/22	06/14/22	
Dil Range Organics (C28-C36)	ND	50.0	1	1	06/14/22	06/14/22	
Surrogate: n-Nonane		99.3 %	50-200		06/14/22	06/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	RAS		Batch: 2225007
Chloride	178	20.0	1	1	06/13/22	06/13/22	



Sample Data

		ample D	aca				
EOG Resources	Project Name:		DArc SW	D #001			
104 South 4th Street	Project Numbe	er: 1903	34-0013				Reported:
Artesia NM, 88210	Project Manag	ger: Greg	g Crabtree				6/16/2022 12:37:20PM
		CS-12					
		E206061-03					
		Reporting					
Analyte	Result	Limit	Dilu	tion Pro	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RKS			Batch: 2225003
Benzene	ND	0.0250	1	06	/13/22	06/14/22	
Ethylbenzene	ND	0.0250	1	06	/13/22	06/14/22	
Toluene	ND	0.0250	1	06	/13/22	06/14/22	
o-Xylene	ND	0.0250	1	06	/13/22	06/14/22	
p,m-Xylene	ND	0.0500	1	06	/13/22	06/14/22	
Total Xylenes	ND	0.0250	1	06	/13/22	06/14/22	
Surrogate: Bromofluorobenzene		93.5 %	70-130	06	/13/22	06/14/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	06	/13/22	06/14/22	
Surrogate: Toluene-d8		94.8 %	70-130	06	/13/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RKS			Batch: 2225003
Gasoline Range Organics (C6-C10)	ND	20.0	1	06	/13/22	06/14/22	
Surrogate: Bromofluorobenzene		93.5 %	70-130	06	/13/22	06/14/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	06	/13/22	06/14/22	
Surrogate: Toluene-d8		94.8 %	70-130	06	/13/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2225009
Diesel Range Organics (C10-C28)	ND	25.0	1	06	/14/22	06/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06	/14/22	06/15/22	
Surrogate: n-Nonane		94.5 %	50-200	06	/14/22	06/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RAS			Batch: 2225007
Chloride	216	20.0	1	06	/13/22	06/13/22	



Sample Data

	D	ample D					
EOG Resources	Project Name	e: Bois	D Arc SW	D #001			
104 South 4th Street	Project Numb	ber: 1903	34-0013				Reported:
Artesia NM, 88210	Project Mana	ger: Greg	g Crabtree				6/16/2022 12:37:20PM
		CS-13					
		E206061-04					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: H	RKS		Batch: 2225003
Benzene	ND	0.0250	1	1	06/13/22	06/14/22	
Ethylbenzene	ND	0.0250	1	1	06/13/22	06/14/22	
Toluene	ND	0.0250	1	1	06/13/22	06/14/22	
p-Xylene	ND	0.0250	1	1	06/13/22	06/14/22	
p,m-Xylene	ND	0.0500	1	1	06/13/22	06/14/22	
Total Xylenes	ND	0.0250	1	1	06/13/22	06/14/22	
Surrogate: Bromofluorobenzene		92.5 %	70-130		06/13/22	06/14/22	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130		06/13/22	06/14/22	
Surrogate: Toluene-d8		93.5 %	70-130		06/13/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2225003
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	06/13/22	06/14/22	
Surrogate: Bromofluorobenzene		92.5 %	70-130		06/13/22	06/14/22	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130		06/13/22	06/14/22	
Surrogate: Toluene-d8		93.5 %	70-130		06/13/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	L		Batch: 2225009
Diesel Range Organics (C10-C28)	ND	25.0	1	1	06/14/22	06/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	06/14/22	06/14/22	
Surrogate: n-Nonane		98.8 %	50-200		06/14/22	06/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: H	RAS		Batch: 2225007
Chloride	237	20.0	1	1	06/13/22	06/13/22	



Sample Data

		ample D	uu				
EOG Resources	Project Name:	Bois	D Arc SW	D #001			
104 South 4th Street	Project Numb	er: 1903	19034-0013				Reported:
Artesia NM, 88210	Project Manag	ger: Greg	g Crabtree				6/16/2022 12:37:20PM
		CS-14					
		E206061-05					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: Rk	KS		Batch: 2225003
Benzene	ND	0.0250	1	1	06/13/22	06/14/22	
Ethylbenzene	ND	0.0250	1	1	06/13/22	06/14/22	
Toluene	ND	0.0250	1	1	06/13/22	06/14/22	
p-Xylene	ND	0.0250	1	1	06/13/22	06/14/22	
p,m-Xylene	ND	0.0500	1	1	06/13/22	06/14/22	
Total Xylenes	ND	0.0250	1	l	06/13/22	06/14/22	
Surrogate: Bromofluorobenzene		94.6 %	70-130		06/13/22	06/14/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		06/13/22	06/14/22	
Surrogate: Toluene-d8		93.0 %	70-130		06/13/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2225003
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	06/13/22	06/14/22	
Surrogate: Bromofluorobenzene		94.6 %	70-130		06/13/22	06/14/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		06/13/22	06/14/22	
Surrogate: Toluene-d8		93.0 %	70-130		06/13/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL			Batch: 2225009
Diesel Range Organics (C10-C28)	ND	25.0	1	1	06/14/22	06/15/22	
Dil Range Organics (C28-C36)	ND	50.0	1	1	06/14/22	06/15/22	
Surrogate: n-Nonane		99.5 %	50-200		06/14/22	06/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RA	AS		Batch: 2225007
Chloride	165	20.0	1	1	06/13/22	06/13/22	



Sample Data

	56	ample D	aca			
EOG Resources	Project Name:	Bois	DArc SW	D #001		
104 South 4th Street	Project Numbe		34-0013			Reported:
Artesia NM, 88210	Project Manag	er: Greg	g Crabtree			6/16/2022 12:37:20PM
		CS-15				
		E206061-06				
		Reporting				
Analyte	Result	Limit	Dilu	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RKS		Batch: 2225003
enzene	ND	0.0250	1	06/13/22	06/14/22	
thylbenzene	ND	0.0250	1	06/13/22	06/14/22	
oluene	ND	0.0250	1	06/13/22	06/14/22	
-Xylene	ND	0.0250	1	06/13/22	06/14/22	
,m-Xylene	ND	0.0500	1	06/13/22	06/14/22	
Total Xylenes	ND	0.0250	1	06/13/22	06/14/22	
urrogate: Bromofluorobenzene		94.3 %	70-130	06/13/22	06/14/22	
urrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	06/13/22	06/14/22	
urrogate: Toluene-d8		93.6 %	70-130	06/13/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RKS		Batch: 2225003
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/22	06/14/22	
urrogate: Bromofluorobenzene		94.3 %	70-130	06/13/22	06/14/22	
urrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	06/13/22	06/14/22	
urrogate: Toluene-d8		93.6 %	70-130	06/13/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL		Batch: 2225009
Diesel Range Organics (C10-C28)	361	25.0	1	06/14/22	06/15/22	
Dil Range Organics (C28-C36)	357	50.0	1	06/14/22	06/15/22	
urrogate: n-Nonane		102 %	50-200	06/14/22	06/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RAS		Batch: 2225007
Chloride	ND	20.0	1	06/13/22	06/13/22	



Sample Data

		ampic D				
EOG Resources 104 South 4th Street	Project Name Project Numb	Project Name:Bois D Arc SWD #001Project Number:19034-0013				Reported:
Artesia NM, 88210	Project Manag		g Crabtree			6/16/2022 12:37:20PM
		CS-16				
		E206061-07				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2225003
Benzene	ND	0.0250	1	06/13/22	06/15/22	
Ethylbenzene	ND	0.0250	1	06/13/22	06/15/22	
Toluene	ND	0.0250	1	06/13/22	06/15/22	
o-Xylene	ND	0.0250	1	06/13/22	06/15/22	
p,m-Xylene	ND	0.0500	1	06/13/22	06/15/22	
Total Xylenes	ND	0.0250	1	06/13/22	06/15/22	
Surrogate: Bromofluorobenzene		94.2 %	70-130	06/13/22	06/15/22	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130	06/13/22	06/15/22	
Surrogate: Toluene-d8		93.6 %	70-130	06/13/22	06/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2225003
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/22	06/15/22	
Surrogate: Bromofluorobenzene		94.2 %	70-130	06/13/22	06/15/22	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130	06/13/22	06/15/22	
Surrogate: Toluene-d8		93.6 %	70-130	06/13/22	06/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: JL		Batch: 2225009
Diesel Range Organics (C10-C28)	507	25.0	1	06/14/22	06/15/22	
Oil Range Organics (C28-C36)	748	50.0	1	06/14/22	06/15/22	
Surrogate: n-Nonane		101 %	50-200	06/14/22	06/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: RAS		Batch: 2225007
Chloride	ND	20.0	1	06/13/22	06/13/22	



Sample Data

		ample D	aca			
EOG Resources	Project Name:		DArc SWI	D #001		_
104 South 4th Street	Project Number		34-0013			Reported:
Artesia NM, 88210	Project Manag	er: Greg	g Crabtree			6/16/2022 12:37:20PM
		CS-17				
		E206061-08				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2225003
Benzene	ND	0.0250	1	06/13/22	06/15/22	
Ethylbenzene	ND	0.0250	1	06/13/22	06/15/22	
Toluene	ND	0.0250	1	06/13/22	06/15/22	
o-Xylene	ND	0.0250	1	06/13/22	06/15/22	
p,m-Xylene	ND	0.0500	1	06/13/22	06/15/22	
Total Xylenes	ND	0.0250	1	06/13/22	06/15/22	
Surrogate: Bromofluorobenzene		95.3 %	70-130	06/13/22	06/15/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	06/13/22	06/15/22	
Surrogate: Toluene-d8		93.2 %	70-130	06/13/22	06/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2225003
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/22	06/15/22	
Surrogate: Bromofluorobenzene		95.3 %	70-130	06/13/22	06/15/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	06/13/22	06/15/22	
Surrogate: Toluene-d8		93.2 %	70-130	06/13/22	06/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2225009
Diesel Range Organics (C10-C28)	271	25.0	1	06/14/22	06/15/22	
Oil Range Organics (C28-C36)	234	50.0	1	06/14/22	06/15/22	
Surrogate: n-Nonane		102 %	50-200	06/14/22	06/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2225007
Chloride	ND	20.0	1	06/13/22	06/13/22	



Sample Data

		ample D					
EOG Resources	Project Name		D Arc SW	VD #001			
104 South 4th Street	Project Numb		19034-0013				Reported:
Artesia NM, 88210	Project Manag	ger: Greg	g Crabtree				6/16/2022 12:37:20PM
		CS-18					
		E206061-09					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2225003
Benzene	ND	0.0250		1	06/13/22	06/15/22	
Ethylbenzene	ND	0.0250		1	06/13/22	06/15/22	
Toluene	ND	0.0250		1	06/13/22	06/15/22	
p-Xylene	ND	0.0250		1	06/13/22	06/15/22	
p,m-Xylene	ND	0.0500		1	06/13/22	06/15/22	
Total Xylenes	ND	0.0250		1	06/13/22	06/15/22	
Surrogate: Bromofluorobenzene		93.5 %	70-130		06/13/22	06/15/22	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		06/13/22	06/15/22	
Surrogate: Toluene-d8		92.3 %	70-130		06/13/22	06/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2225003
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/13/22	06/15/22	
Surrogate: Bromofluorobenzene		93.5 %	70-130		06/13/22	06/15/22	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		06/13/22	06/15/22	
Surrogate: Toluene-d8		92.3 %	70-130		06/13/22	06/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2225009
Diesel Range Organics (C10-C28)	294	25.0		1	06/14/22	06/15/22	
Oil Range Organics (C28-C36)	402	50.0		1	06/14/22	06/15/22	
Surrogate: n-Nonane		101 %	50-200		06/14/22	06/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2225007
Chloride	ND	20.0		1	06/13/22	06/13/22	


Sample Data

		bample D	uuu				
EOG Resources	Project Name	e: Bois	D Arc SW	/D #001			
104 South 4th Street	Project Num	ber: 1903	34-0013				Reported:
Artesia NM, 88210	Project Mana	ager: Greg	g Crabtree				6/16/2022 12:37:20PM
		CS-19					
		E206061-10					
		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2225003
Benzene	ND	0.0250		1	06/13/22	06/15/22	
Ethylbenzene	ND	0.0250		1	06/13/22	06/15/22	
Toluene	ND	0.0250		1	06/13/22	06/15/22	
p-Xylene	ND	0.0250		1	06/13/22	06/15/22	
o,m-Xylene	ND	0.0500		1	06/13/22	06/15/22	
Total Xylenes	ND	0.0250		1	06/13/22	06/15/22	
Surrogate: Bromofluorobenzene		92.8 %	70-130		06/13/22	06/15/22	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		06/13/22	06/15/22	
Surrogate: Toluene-d8		92.3 %	70-130		06/13/22	06/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2225003
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/13/22	06/15/22	
Surrogate: Bromofluorobenzene		92.8 %	70-130		06/13/22	06/15/22	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		06/13/22	06/15/22	
Surrogate: Toluene-d8		92.3 %	70-130		06/13/22	06/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2225009
Diesel Range Organics (C10-C28)	286	25.0		1	06/14/22	06/15/22	
Dil Range Organics (C28-C36)	413	50.0		1	06/14/22	06/15/22	
Surrogate: n-Nonane		102 %	50-200		06/14/22	06/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2225007
Chloride	ND	20.0		1	06/13/22	06/13/22	



Sample Data

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EOG Resources	Project Name:	Bois	DArc SWI	D #001			
104 South 4th Street	Project Numbe	er: 1903	34-0013				Reported:
Artesia NM, 88210	Project Manag	er: Greg	g Crabtree				6/16/2022 12:37:20PM
		CS-20					
		E206061-11					
		Reporting					
Analyte	Result	Limit	Dilut	tion Pr	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RKS			Batch: 2225003
Benzene	ND	0.0250	1	06	/13/22	06/15/22	
Ethylbenzene	ND	0.0250	1	06	/13/22	06/15/22	
Toluene	ND	0.0250	1	06	/13/22	06/15/22	
p-Xylene	ND	0.0250	1	06	/13/22	06/15/22	
p,m-Xylene	ND	0.0500	1	06	/13/22	06/15/22	
Total Xylenes	ND	0.0250	1	06	/13/22	06/15/22	
Surrogate: Bromofluorobenzene		93.3 %	70-130	06	/13/22	06/15/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	06	/13/22	06/15/22	
Surrogate: Toluene-d8		92.0 %	70-130	06	/13/22	06/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RKS			Batch: 2225003
Gasoline Range Organics (C6-C10)	ND	20.0	1	06	/13/22	06/15/22	
Surrogate: Bromofluorobenzene		93.3 %	70-130	06	/13/22	06/15/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	06	/13/22	06/15/22	
Surrogate: Toluene-d8		92.0 %	70-130	06	/13/22	06/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2225009
Diesel Range Organics (C10-C28)	26.7	25.0	1	06	/14/22	06/15/22	
Oil Range Organics (C28-C36)	53.4	50.0	1	06	/14/22	06/15/22	
Surrogate: n-Nonane		100 %	50-200	06	/14/22	06/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RAS			Batch: 2225007
Chloride	154	20.0	1	06	/13/22	06/13/22	



QC Summary Data

EOG Resources 104 South 4th Street		Project Name: Project Number:	19	ois D Arc SWE 0034-0013	#001			<u> </u>	Reported: 16/2022 12:37:20PM
Artesia NM, 88210		Project Manager:	G	reg Crabtree				0/1	16/2022 12:37:20PM
		Volatile Organic	Compo	unds by EP.	A 8260I	3			Analyst: RKS
Analyte	Densk	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	Result mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2225003-BLK1)							Prepared: 0	6/13/22 Ana	lyzed: 06/14/22
Benzene	ND	0.0250					Treparea. o	0,10,22 Tilla	1920a. 00/11/22
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
		0.0250	0.500		02.0	70 120			
Surrogate: Bromofluorobenzene	0.464		0.500		92.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.6	70-130			
Surrogate: Toluene-d8	0.473		0.500		94.5	70-130			
LCS (2225003-BS1)							Prepared: 0	6/13/22 Ana	lyzed: 06/14/22
Benzene	2.55	0.0250	2.50		102	70-130			
Ethylbenzene	2.65	0.0250	2.50		106	70-130			
Toluene	2.62	0.0250	2.50		105	70-130			
o-Xylene	2.77	0.0250	2.50		111	70-130			
p,m-Xylene	5.50	0.0500	5.00		110	70-130			
Total Xylenes	8.27	0.0250	7.50		110	70-130			
Surrogate: Bromofluorobenzene	0.493		0.500		98.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.4	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.5	70-130			
Matrix Spike (2225003-MS1)				Source: I	E 206054 -0	01	Prepared: 0	6/13/22 Ana	lyzed: 06/14/22
Benzene	2.39	0.0250	2.50	ND	95.7	48-131	1		5
Ethylbenzene	2.41	0.0250	2.50	ND	96.4	45-135			
Toluene	2.38	0.0250	2.50	ND	95.3	48-130			
o-Xylene	2.53	0.0250	2.50	ND	101	43-135			
p,m-Xylene	4.98	0.0500	5.00	ND	99.5	43-135			
p,m-Aylene Total Xylenes	7.50	0.0250	7.50	ND	100	43-135			
		0.0250				70-130			
Surrogate: Bromofluorobenzene	0.493		0.500		98.5	/0-150			
			0.500		100	- · · · ·			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500 0.500		100 95 9	70-130 70-130			
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8			0.500 0.500		95.9	70-130			
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2225003-MSD1)	0.501 0.480		0.500	Source: I	95.9 E 206054- (70-130 01	-		lyzed: 06/14/22
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2225003-MSD1) Benzene	0.501 0.480 2.39	0.0250	0.500	ND	95.9 2 206054- 95.7	70-130 01 48-131	0.0418	23	lyzed: 06/14/22
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2225003-MSD1) Benzene Ethylbenzene	0.501 0.480 2.39 2.44	0.0250	0.500 2.50 2.50	ND ND	95.9 2 206054- (95.7 97.6	70-130 01 48-131 45-135	0.0418 1.24	23 27	lyzed: 06/14/22
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2225003-MSD1) Benzene Ethylbenzene Toluene	0.501 0.480 2.39 2.44 2.39	0.0250 0.0250	0.500 2.50 2.50 2.50	ND ND ND	<i>95.9</i> 2 206054- 95.7 97.6 95.7	70-130 01 48-131 45-135 48-130	0.0418 1.24 0.377	23 27 24	lyzed: 06/14/22
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2225003-MSD1) Benzene Ethylbenzene Toluene o-Xylene	0.501 0.480 2.39 2.44 2.39 2.59	0.0250 0.0250 0.0250	0.500 2.50 2.50 2.50 2.50	ND ND ND ND	<i>95.9</i> 2 206054- 95.7 97.6 95.7 104	70-130 01 48-131 45-135 48-130 43-135	0.0418 1.24 0.377 2.31	23 27 24 27	lyzed: 06/14/22
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2225003-MSD1) Benzene Ethylbenzene Toluene o-Xylene	0.501 0.480 2.39 2.44 2.39 2.59 5.08	0.0250 0.0250 0.0250 0.0500	0.500 2.50 2.50 2.50 2.50 5.00	ND ND ND ND ND	95.9 2206054-0 95.7 97.6 95.7 104 102	70-130 01 48-131 45-135 48-130 43-135 43-135	0.0418 1.24 0.377 2.31 2.10	23 27 24 27 27	lyzed: 06/14/22
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2225003-MSD1) Benzene Ethylbenzene Toluene	0.501 0.480 2.39 2.44 2.39 2.59	0.0250 0.0250 0.0250	0.500 2.50 2.50 2.50 2.50	ND ND ND ND	<i>95.9</i> 2 206054- 95.7 97.6 95.7 104	70-130 01 48-131 45-135 48-130 43-135	0.0418 1.24 0.377 2.31	23 27 24 27	lyzed: 06/14/22
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2225003-MSD1) Benzene Ethylbenzene Toluene o-Xylene p,m-Xylene Total Xylenes	0.501 0.480 2.39 2.44 2.39 2.59 5.08	0.0250 0.0250 0.0250 0.0500	0.500 2.50 2.50 2.50 2.50 5.00	ND ND ND ND ND	95.9 2206054-0 95.7 97.6 95.7 104 102	70-130 01 48-131 45-135 48-130 43-135 43-135	0.0418 1.24 0.377 2.31 2.10	23 27 24 27 27	lyzed: 06/14/22
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2225003-MSD1) Benzene Ethylbenzene Toluene o-Xylene p,m-Xylene	0.501 0.480 2.39 2.44 2.39 2.59 5.08 7.67	0.0250 0.0250 0.0250 0.0500	0.500 2.50 2.50 2.50 2.50 5.00 7.50	ND ND ND ND ND	95.9 206054- 95.7 97.6 95.7 104 102 102	70-130 01 48-131 45-135 48-130 43-135 43-135 43-135	0.0418 1.24 0.377 2.31 2.10	23 27 24 27 27	lyzed: 06/14/22



QC Summary Data

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EOG Resources 104 South 4th Street Artesia NM, 88210		Project Name: Project Number: Project Manager:	1	ois D Arc SWI 9034-0013 reg Crabtree	D #001				Reported: 6/16/2022 12:37:20PM
	No	onhalogenated O	rganics	by EPA 801	5D - GR	0			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2225003-BLK1)							Prepared: 0	6/13/22	Analyzed: 06/14/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.464		0.500		92.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.6	70-130			
Surrogate: Toluene-d8	0.473		0.500		94.5	70-130			
LCS (2225003-BS2)							Prepared: 0	6/13/22	Analyzed: 06/14/22
Gasoline Range Organics (C6-C10)	48.7	20.0	50.0		97.5	70-130			
Surrogate: Bromofluorobenzene	0.470		0.500		94.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.7	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.6	70-130			
Matrix Spike (2225003-MS2)				Source: I	E206054-0	1	Prepared: 0	6/13/22	Analyzed: 06/14/22
Gasoline Range Organics (C6-C10)	48.5	20.0	50.0	ND	97.0	70-130			
Surrogate: Bromofluorobenzene	0.476		0.500		95.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.490		0.500		98.0	70-130			
Matrix Spike Dup (2225003-MSD2)				Source: l	E206054-0	1	Prepared: 0	6/13/22	Analyzed: 06/14/22
Gasoline Range Organics (C6-C10)	47.9	20.0	50.0	ND	95.8	70-130	1.28	20	
Surrogate: Bromofluorobenzene	0.479		0.500		95.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			



QC Summary Data

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EOG Resources 104 South 4th Street Artesia NM, 88210		Project Name: Project Number: Project Manager:		Bois D Arc SWI 19034-0013 Greg Crabtree	#001				Reported: 6/16/2022 12:37:20PM
	Nonh	alogenated Org	anics by	y EPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2225009-BLK1)							Prepared: 0	6/14/22 A	analyzed: 06/14/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.8		50.0		95.7	50-200			
LCS (2225009-BS1)							Prepared: 0	6/14/22 A	analyzed: 06/14/22
Diesel Range Organics (C10-C28)	470	25.0	500		94.0	38-132			
Surrogate: n-Nonane	47.6		50.0		95.3	50-200			
Matrix Spike (2225009-MS1)				Source: I	E 206054 -	01	Prepared: 0	6/14/22 A	analyzed: 06/14/22
Diesel Range Organics (C10-C28)	484	25.0	500	ND	96.8	38-132			
Surrogate: n-Nonane	47.6		50.0		95.1	50-200			
Matrix Spike Dup (2225009-MSD1)				Source: I	E 206054 -	01	Prepared: 0	6/14/22 A	analyzed: 06/14/22
Diesel Range Organics (C10-C28)	488	25.0	500	ND	97.5	38-132	0.747	20	
Surrogate: n-Nonane	48.6		50.0		97.2	50-200			



QC Summary Data

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EOG Resources 104 South 4th Street Artesia NM, 88210		Project Name: Project Number: Project Manager:		Bois D Arc SW 19034-0013 Greg Crabtree	D #001				Reported: 6/16/2022 12:37:20PM
		Anions	by EPA	300.0/90564	۸				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
Blank (2225007-BLK1)							Prepared: 0	6/13/22 A	analyzed: 06/13/22
Chloride LCS (2225007-BS1)	ND	20.0					Prepared: 0	6/13/22 A	analyzed: 06/13/22
Chloride	242	20.0	250		96.8	90-110			
Matrix Spike (2225007-MS1)				Source:	E206061-	01	Prepared: 0	6/13/22 A	analyzed: 06/13/22
Chloride	552	20.0	250	244	123	80-120			M2
Matrix Spike Dup (2225007-MSD1)				Source:	E206061-	01	Prepared: 0	6/13/22 A	analyzed: 06/13/22
Chloride	494	20.0	250	244	100	80-120	11.1	20	

QC Summary Report Comment:

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



EOG Resources	Project Name:	Bois D Arc SWD #001	
104 South 4th Street	Project Number:	19034-0013	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	06/16/22 12:37
	104 South 4th Street	104 South 4th Street Project Number:	104 South 4th StreetProject Number:19034-0013

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.



Client: EC	DG					Bill To				Lab l	Jse C	Inly			ī	TAT		EPA P	rogram
	Bois D Arc SV				A	ttention:		Lab	WO#	polel		Num		1D 2D	3D) S	tandard	CWA	SDWA
	lanager: Gre	eg Crabtre	e			ddress:		óعا	200	<u>1000</u>		19034					X		
Address:						ity, State, Zip					Ana	ilysis ar	nd Metho	d			4		RCRA
City, Stat	e, Zip					hone:													x
Phone:					<u> </u>	mail:												State	
Email: All Report di																	NM CO	UT AZ	rogram SDWA RCRA X TX
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	i		Lab Number	BDGOC										Remarks	
B:03	6/9/2022	s	2	C5-1	0		1 1 - 9	x										4oz Glass Jars	
3.07	6/9/2022	s	2	CS-1	١		2	x										402 Glass Jars	
3:22	6/9/2022	S	2	CS-1	2		3	x										402 Glass Jars	
13:28	6/9/2022	S	2	C5-1	3		4	x								_		4oz Glass Jars	
3:31	6/9/2022	S	2	CS-1	Ч		5	x										4or Glass Jars	
3:40	6/9/2022	S	2	CS-14	5			x										4oz Glass Jars	
13:44	6/9/2022	S	2	CS-16	>		7	x								<u> </u>		4oz Glass Jars	
13:50	6/9/2022	S	2	CS-17	7		8	x										4oz Glass Jars	
13:55	6/9/2022	S	2	CS-1	8		9	x										4oz Glass Jars	
14:02	6/9/2022	S	2	C5-1	9		ID	x										402 Glass Jars	
Addition	al Instruction	15:									- Ic-		·						
	pler), attest to the					hat tampering with or intentionally mislabe <u>Sampled by: Kholeton San</u>		ation,									on ice the day t subsequent da		o or received
	ed by: (Signatur		Date		Time 15:51	Received by: (Signatorie)	- Lalq la		Time 15	:52	Red	eived	on ice:	Lab L		nly			· · · .
Relinquish	ed by: (Signatur	\mathcal{O}	Date		Time	Received by: (Signature)	Date		Time		T1			T2			<u>T3</u>	$(1, \dots, p)$	
Relinquish	ed by: (Signatur	e)	Dəte		Time	Received by: (Signature)	Date		Time		AV	G Tem	p°c_4					e i	
ample Mat	rix: S - Soil, Sd - So	olid. Sg - Slud	ee. A - Aque	ous. O - Other			Containe	Type	: 8 - 8	ass. n - i	_		The second s		- VOA	<u></u>			

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											h (1-		1					TAT			
ient: EOG	s D Arc SW	10 #001				Bill To Attention:		Lab				e On	ly Numt)er		1D 2				SDWA	
	nager: Gre		e			Address:		FÁ	ĴŇ(pa	01	1	9034						X		3000
ddress:						City, State, Zip						Analy	sis an					I			RCRA
ty, State, I	Zip					Phone:															x
none:						Email:														State	
mail: All Er																			NM CO	UT AZ	TX
eport due	by:																		×		
Time Campled	ate Sampled	Matrix	No. of Containers	Sample ID			Lab Number	BDGOC												Remarks	
-1:09	6/9/2022	S	2	C5-2	20		11	x												4oz Glass Jars	
						No Manager A															
														\neg	\rightarrow		+	+			
														_	_		+				
																					
														Í							
						A., 1911															
								<u> </u>													
ditional	Instructior	าร:																			
						that tampering with or Intentionally mislabelli		cation,											red on ice the day on subsequent da		ed or received
	collection is co		ud and may Date		r legal action Time				Time							lah	Hee	Only			
The 5-9-22 15					15:51	Received by Signature		202	15	5:52 Received on ice: Q/ N											
Relinquished by: (Signatur Date Time					Time	Received by: (Signature)	Date		Time			T1	-		-	ľ2			<u>T3</u>		
Relinquished by: (Signature) Date Time Re					Received by: (Signature)	Date	Time AVG Temp °C														

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	EOG Resources D	ate Received:	06/09/22 1	5:52		Work Order ID:	E206061
Phone:	(575) 748-4217 D	ate Logged In:	06/09/22 1	5:55		Logged In By:	Caitlin Christian
Email:	D	ue Date:	06/16/22 1	7:00 (5 day TAT)			
Chain of	f Custody (COC)						
1. Does t	the sample ID match the COC?		Yes				
2. Does t	the number of samples per sampling site location match	the COC	Yes				
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: k	Choleton Sanchez	Z	
4. Was th	he COC complete, i.e., signatures, dates/times, requested	d analyses?	Yes	_		_	
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes			Commen	ts/Resolution
<u>Sample '</u>	<u>Turn Around Time (TAT)</u>						
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample	<u>Cooler</u>						
7. Was a	sample cooler received?		Yes				
8. If yes,	, was cooler received in good condition?		Yes				
9. Was th	he sample(s) received intact, i.e., not broken?		Yes				
10. Were	e custody/security seals present?		No				
11. If yes	s, were custody/security seals intact?		NA				
12. Was t	he sample received on ice? If yes, the recorded temp is 4°C, i.e Note: Thermal preservation is not required, if samples are re minutes of sampling		Yes				
13. If no	visible ice, record the temperature. Actual sample ter	mperature: 4°	С				
	Container		<u> </u>				
	aqueous VOC samples present?		No				
	VOC samples collected in VOA Vials?		NA				
	e head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	non-VOC samples collected in the correct containers?		Yes				
	appropriate volume/weight or number of sample containers	s collected?	Yes				
Field La							
	e field sample labels filled out with the minimum inform	nation:					
	Sample ID?		Yes				
	Date/Time Collected?		Yes				
	Collectors name?		Yes				
	Preservation	10	N ²				
	s the COC or field labels indicate the samples were prese	erved?	No				
	sample(s) correctly preserved?	1.9	NA N-				
	o filteration required and/or requested for dissolved meta	ais /	No				
	ase Sample Matrix						
	s the sample have more than one phase, i.e., multiphase?		No				
27. If ye	s, does the COC specify which phase(s) is to be analyze	d?	NA				
	ract Laboratory						
28. Are s	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	o: na		
<u>Client I</u>	Instruction						

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



envirotech Inc.

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5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:

Bois D Arc SWD #001

Work Order: E207001

Job Number: 19034-0013

Received: 7/1/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/8/22

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: 7/8/22

Greg Crabtree 104 South 4th Street Artesia, NM 88210

Project Name: Bois D Arc SWD #001 Workorder: E207001 Date Received: 7/1/2022 8:05:00AM

Greg Crabtree,



Page 120 of 172

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/1/2022 8:05:00AM, under the Project Name: Bois D Arc SWD #001.

The analytical test results summarized in this report with the Project Name: Bois D Arc SWD #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

		Sample Sum	mai y		
EOG Resources		Project Name:	Bois D Arc SWD #	001	Reported:
104 South 4th Street		Project Number:	19034-0013		Reporteu.
Artesia NM, 88210		Project Manager:	Greg Crabtree		07/08/22 14:44
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-27	E207001-01A	Soil	06/30/22	07/01/22	Glass Jar, 4 oz.
CS-28	E207001-02A	Soil	06/30/22	07/01/22	Glass Jar, 4 oz.
CS-29	E207001-03A	Soil	06/30/22	07/01/22	Glass Jar, 4 oz.
CS-30	E207001-04A	Soil	06/30/22	07/01/22	Glass Jar, 4 oz.
CS-31	E207001-05A	Soil	06/30/22	07/01/22	Glass Jar, 4 oz.



	D	ampic D				
EOG Resources	Project Name	e: Bois	S D Arc SWD #0	01		
104 South 4th Street	Project Numb	ber: 1903	34-0013			Reported:
Artesia NM, 88210	Project Mana	ger: Greg	g Crabtree			7/8/2022 2:44:27PM
		CS-27				
		E207001-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	/st: RKS		Batch: 2228011
Benzene	ND	0.0250	1	07/05/22	07/05/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/05/22	
Toluene	ND	0.0250	1	07/05/22	07/05/22	
o-Xylene	ND	0.0250	1	07/05/22	07/05/22	
p,m-Xylene	ND	0.0500	1	07/05/22	07/05/22	
Total Xylenes	ND	0.0250	1	07/05/22	07/05/22	
Surrogate: 4-Bromochlorobenzene-PID		92.4 %	70-130	07/05/22	07/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: RKS		Batch: 2228011
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	07/05/22	07/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: JL		Batch: 2228033
Diesel Range Organics (C10-C28)	ND	25.0	1	07/07/22	07/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/07/22	07/07/22	
Surrogate: n-Nonane		107 %	50-200	07/07/22	07/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2228041
Chloride	ND	20.0	1	07/07/22	07/07/22	

Sample Data



Sample Data

	D	ample D	ala			
EOG Resources	Project Name:	Bois	D Arc SWD #00	1		
104 South 4th Street	Project Numb	er: 1903	34-0013			Reported:
Artesia NM, 88210	Project Manag	ger: Greg	g Crabtree			7/8/2022 2:44:27PM
		CS-28				
		E207001-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	: RKS		Batch: 2228011
Benzene	ND	0.0250	1	07/05/22	07/05/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/05/22	
Toluene	ND	0.0250	1	07/05/22	07/05/22	
o-Xylene	ND	0.0250	1	07/05/22	07/05/22	
o,m-Xylene	ND	0.0500	1	07/05/22	07/05/22	
Total Xylenes	ND	0.0250	1	07/05/22	07/05/22	
Surrogate: 4-Bromochlorobenzene-PID		92.6 %	70-130	07/05/22	07/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	: RKS		Batch: 2228011
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	07/05/22	07/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	: JL		Batch: 2228033
Diesel Range Organics (C10-C28)	ND	25.0	1	07/07/22	07/07/22	
Dil Range Organics (C28-C36)	ND	50.0	1	07/07/22	07/07/22	
Surrogate: n-Nonane		117 %	50-200	07/07/22	07/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	: RAS		Batch: 2228041
Chloride	ND	20.0	1	07/07/22	07/07/22	



Sample Data

	29	imple D	ala			
EOG Resources	Project Name:	Bois	D Arc SWD #00	1		
104 South 4th Street	Project Numbe	er: 1903	34-0013			Reported:
Artesia NM, 88210	Project Manage	er: Greg	g Crabtree			7/8/2022 2:44:27PM
		CS-29				
]	E207001-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: RKS		Batch: 2228011
Benzene	ND	0.0250	1	07/05/22	07/05/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/05/22	
oluene	ND	0.0250	1	07/05/22	07/05/22	
-Xylene	ND	0.0250	1	07/05/22	07/05/22	
,m-Xylene	ND	0.0500	1	07/05/22	07/05/22	
Total Xylenes	ND	0.0250	1	07/05/22	07/05/22	
urrogate: 4-Bromochlorobenzene-PID		92.7 %	70-130	07/05/22	07/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: RKS		Batch: 2228011
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/05/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	07/05/22	07/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: JL		Batch: 2228033
Diesel Range Organics (C10-C28)	ND	25.0	1	07/07/22	07/07/22	
Dil Range Organics (C28-C36)	ND	50.0	1	07/07/22	07/07/22	
urrogate: n-Nonane		116 %	50-200	07/07/22	07/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: RAS		Batch: 2228041
Chloride	ND	20.0	1	07/07/22	07/07/22	



Sample Data

	5	ample D	ลเล			
EOG Resources	Project Name	e: Bois	S D Arc SWD #0	01		
104 South 4th Street	Project Numl	ber: 190	34-0013			Reported:
Artesia NM, 88210	Project Mana	ager: Gre	g Crabtree			7/8/2022 2:44:27PM
		CS-30				
		E207001-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2228011
Benzene	ND	0.0250	1	07/05/22	07/05/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/05/22	
Foluene	ND	0.0250	1	07/05/22	07/05/22	
p-Xylene	ND	0.0250	1	07/05/22	07/05/22	
o,m-Xylene	ND	0.0500	1	07/05/22	07/05/22	
Fotal Xylenes	ND	0.0250	1	07/05/22	07/05/22	
Surrogate: 4-Bromochlorobenzene-PID		92.1 %	70-130	07/05/22	07/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2228011
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	07/05/22	07/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: JL		Batch: 2228033
Diesel Range Organics (C10-C28)	ND	25.0	1	07/07/22	07/07/22	
Dil Range Organics (C28-C36)	ND	50.0	1	07/07/22	07/07/22	
Surrogate: n-Nonane		117 %	50-200	07/07/22	07/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: RAS		Batch: 2228041
Chloride	ND	20.0	1	07/07/22	07/07/22	
2			1	07/07/22	07/07/22	



Sample Data

	5	ample D	ata			
EOG Resources	Project Name:	Bois	D Arc SWD #00	1		
104 South 4th Street	Project Number	er: 1903	34-0013			Reported:
Artesia NM, 88210	Project Manag	ger: Greg	g Crabtree			7/8/2022 2:44:27PM
		CS-31				
		E207001-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RKS		Batch: 2228011
Benzene	ND	0.0250	1	07/05/22	07/05/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/05/22	
foluene	ND	0.0250	1	07/05/22	07/05/22	
p-Xylene	ND	0.0250	1	07/05/22	07/05/22	
o,m-Xylene	ND	0.0500	1	07/05/22	07/05/22	
Fotal Xylenes	ND	0.0250	1	07/05/22	07/05/22	
Surrogate: 4-Bromochlorobenzene-PID		92.2 %	70-130	07/05/22	07/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	:: RKS		Batch: 2228011
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	70-130	07/05/22	07/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2228033
Diesel Range Organics (C10-C28)	29.1	25.0	1	07/07/22	07/07/22	
Dil Range Organics (C28-C36)	ND	50.0	1	07/07/22	07/07/22	
Surrogate: n-Nonane		117 %	50-200	07/07/22	07/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: RAS		Batch: 2228041
Chloride	ND	20.0	1	07/07/22	07/07/22	



QC Summary Data

		<u> </u>		ny Dau					
EOG Resources 104 South 4th Street Artesia NM, 88210		Project Name: Project Number: Project Manager:	19	ois D Arc SWI 9034-0013 rreg Crabtree	D #001				Reported: 7/8/2022 2:44:27PM
	Volatile Organics by EPA 8021B								Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2228011-BLK1)							Prepared: 0	7/05/22 A	analyzed: 07/05/22
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	7.48		8.00		93.6	70-130			
LCS (2228011-BS1)							Prepared: 0	7/05/22 A	analyzed: 07/05/22
Benzene	5.15	0.0250	5.00		103	70-130			
Ethylbenzene	4.58	0.0250	5.00		91.6	70-130			
Toluene	4.88	0.0250	5.00		97.6	70-130			
p-Xylene	4.74	0.0250	5.00		94.8	70-130			
p,m-Xylene	9.45	0.0500	10.0		94.5	70-130			
Total Xylenes	14.2	0.0250	15.0		94.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.61		8.00		95.1	70-130			
LCS Dup (2228011-BSD1)							Prepared: 0	7/05/22 A	analyzed: 07/05/22
Benzene	5.10	0.0250	5.00		102	70-130	0.959	20	
Ethylbenzene	4.54	0.0250	5.00		90.8	70-130	0.847	20	
Toluene	4.84	0.0250	5.00		96.8	70-130	0.845	20	
p-Xylene	4.71	0.0250	5.00		94.2	70-130	0.575	20	
p,m-Xylene	9.37	0.0500	10.0		93.7	70-130	0.861	20	
Total Xylenes	14.1	0.0250	15.0		93.9	70-130	0.765	20	
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.9	70-130			



QC Summary Data

		$\mathbf{x} \in \mathbf{x}$							
EOG Resources		Project Name:	В	ois D Arc SW	D #001				Reported:
104 South 4th Street		Project Number	: 1	9034-0013					
Artesia NM, 88210		Project Manage	r: C	reg Crabtree					7/8/2022 2:44:27PM
	No	onhalogenated	Organics	by EPA 80	15D - G	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2228011-BLK1)							Prepared: 0	07/05/22 A	Analyzed: 07/05/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			
LCS (2228011-BS2)							Prepared: 0	07/05/22 A	Analyzed: 07/05/22
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0		93.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.7	70-130			
LCS Dup (2228011-BSD2)							Prepared: 0	07/05/22 A	Analyzed: 07/05/22
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0		99.3	70-130	6.30	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.4	70-130			



QC Summary Data

		QU D		ary Date	4				
EOG Resources 104 South 4th Street		Project Name: Project Number:		Bois D Arc SWI 9034-0013	D #001				Reported:
Artesia NM, 88210		Project Manager:	C	Greg Crabtree					7/8/2022 2:44:27PM
	Nonh	alogenated Org	anics by	7 EPA 8015 E) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2228033-BLK1)							Prepared: 0	7/07/22 A	nalyzed: 07/07/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.4		50.0		105	50-200			
LCS (2228033-BS1)							Prepared: 0	7/07/22 A	analyzed: 07/07/22
Diesel Range Organics (C10-C28)	450	25.0	500		90.0	38-132			
Surrogate: n-Nonane	46.8		50.0		93.5	50-200			
Matrix Spike (2228033-MS1)				Source:	E207004-	01	Prepared: 0	7/07/22 A	analyzed: 07/07/22
Diesel Range Organics (C10-C28)	459	25.0	500	ND	91.7	38-132			
Surrogate: n-Nonane	50.9		50.0		102	50-200			
Matrix Spike Dup (2228033-MSD1)				Source:	E207004-	01	Prepared: 0	7/07/22 A	analyzed: 07/07/22
Diesel Range Organics (C10-C28)	477	25.0	500	ND	95.5	38-132	4.01	20	
Surrogate: n-Nonane	53.5		50.0		107	50-200			



QC Summary Data

EOG Resources 104 South 4th Street Artesia NM, 88210		Project Name: Project Number: Project Manager	1	Bois D Arc SW 19034-0013 Greg Crabtree	D #001				Reported: 7/8/2022 2:44:27PM
		Anions	by EPA	300.0/90564	۸				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
Blank (2228041-BLK1)							Prepared: 0	7/07/22 A	nalyzed: 07/07/22
Chloride	ND	20.0							
LCS (2228041-BS1)							Prepared: 0	7/07/22 A	nalyzed: 07/07/22
Chloride	229	20.0	250		91.5	90-110			
Matrix Spike (2228041-MS1)				Source:	E207005-0	01	Prepared: 0	7/07/22 A	nalyzed: 07/07/22
Chloride	265	20.0	250	ND	106	80-120			
Matrix Spike Dup (2228041-MSD1)				Source:	E207005-0	01	Prepared: 0	7/07/22 A	nalyzed: 07/07/22
Chloride	265	20.0	250	ND	106	80-120	0.102	20	

QC Summary Report Comment:

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



EOG Resources	Project Name:	Bois D Arc SWD #001	
104 South 4th Street	Project Number:	19034-0013	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	07/08/22 14:44

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.



lient: E	06		54.5		Bill To				La		e Onl					TA		EPA P	rogram
roject: B	OIS D ARL	SND#	001	Canarass	Attention:		Lab	WO#			1 dol	Numbe	r	1D	2D	3D	Standard	CWA	SDW
ddress:	anager: Peti	pe Arago	on Gius	Capatrice	Address: City, State, Zip		Ed	101	OC	1		34-	Method				-		RCRA
ity, State	e, Zip				Phone:		1	1			Analy		Method			T	_		X
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Time			No. of			Lab	-		8015 (DRO/GRO/ORO)		Chlorides	0					~		
ampled	Date Sampled	Matrix	Containers	Sample ID		Number	8260	8270	8015	8021	Chlo	AS						Remarks	
3:06	6-30-22	5	125	CS-27		1						×					400	JARS	Pag rogram SDW/ RCRA
3:12	6-30-22	S	12	CS-28		a						X						1	
3:16	6-30-22	S	12	CS - 29		3						x							
3:21	6-30-22	S	12	CS - 30	7	4						X							
	6-30-22	S	12	CS - 31		5						x						1	
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linquishe	d by: (Signature)	Date	Time	Received by: (Signature)	Date		Time			<u>T1</u>			<u>T2</u>			<u>T3</u>		
	c: S - Soil, Sd - Sol					Containe	-				AVG	Temp	°c_4						

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Phone: (375) 748-421? Date Logged in: 0701/22 00:51 Logged in By: Catitin Christian Email: Due Due: 0701/22 11:00 (3 day TAT) Catitin Christian Chain of Castedry (COC) Yes Carrier: Kholeton Samches Personpling site location match the COC Yes 1. Does the amples ID mubber of samples personpling site location match the COC Yes Carrier: Kholeton Samches Personpling site location match the COC 9. Wes the Coccomplete, i.e., signatures, dates/times, requested analyses? Yes Carrier: Kholeton Samches PersonPerson 9. Was the Coccomplete, i.e., signatures, dates/times, requested analyses? Yes Carrier: Kholeton Samches PersonPerson 9. Was the Coccomplete, i.e., signatures, dates/times, requested analyses? Yes Yes Carrier: 9. Was the conder or neceived? Yes Yes Carrier: 9. Was the sample cooler received in good condition? Yes Yes Yes 9. Was the sample cooler received? Yes Na Yes Yes 10. Uver curdolydecurity seals intact? Na Yes Yes Yes 11. If yes, were custody/security seals intact? Na Yes Yes Yes 11. If yes, were custody/security seals intact? Na Yes Yes Yes 12.	Client:	EOG Resources Da	ate Received:	07/01/22 08	:05			Work Order ID:	E207001
Email: Due Dan: 07/11/22 17:00 (5 day TAT) The sample ID match the COC? Tess Does the number of samples per simpling selecation match the COC? Sees Corrier: Kholeton Sancherz Tess Were samples dropped off by client or carrier? Yes Nere: Analysis, such as pH which should be conduced in the field, i.e., 15 minute hold fine, are not included in this discussion. Sample Contract Nere as ample cooler received? Sees Sample Contract Tess Sample Cooler received? Note: Analysis, such as pH which should be conduced in the field, i.e., 15 minute hold fine, are not included in this discussion. Sample Contract Nere as ample cooler received? Sample Contract Tess Sample Cooler received? Note: Analysis, such as pH which should be conduced in the field, i.e., 15 minute hold fine, are not included in this discussion. Sample Contract Nere castody/security seals interf? Yes Sample Cooler received? Note: Analysis, such as pH which should be conduced in the field, i.e., 15 minute hold fine, are not included in the field, i.e., 15 minute hold fine, are not included in the field, i.e., 15 minute hold fine, are not included in the discussion. Sample Contract Nere castody/security seals interf? Yes Sample Cooler received? Note: Analysis, such as pH which should be conduced in the field, i.e., 15 minute hold fine, are not here the interval the mapset as the sample secure terval the interval the mapset as the sample secure terval the interval terval t	Phone:	(575) 748-4217 Da	ate Logged In:	07/01/22 08	:51			Logged In By:	Caitlin Christian
 L Joes the sample ID match the COC? Ves 2. Joes the number of samples per sampling site location match the COC Ves Were samples dropped off by client or carrier? Ves Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes Nere all samples received within holding time? So that COC indicate standard TAT, or Expedited TAT? Yes Sample Cooler 7. Was a sample cooler received? No that COC indicate standard TAT, or Expedited TAT? Yes 8. If yes, was cooler received? Yes Nas a sample cooler received? Yes No there custody/security seals present? No 11. If yes, were custody/security seals present? No 12. Was the sample prevised on ier? Yes No: Thermal preservation is not required, if samples are received wir 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Cooler. 14. Are aqueous VOC samples collected in VOA Vala? 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 orrect containers? Yes Sample DP Date/Time Collected? Yes Sample DP Yes Sample DP Yes Sample DP Yes Sample DP Yes Sample Cooler field labels indicare the samples were preserved? NA Are sample's operity which phase(s) is to be analyzed? NA Are sample's correctly preserve? NA Are sample's correctly merserve? NA Are sample's corre	Email:			07/11/22 17	':00 (5 day TA	T)			
2. Does the number of samples per sampling site location match the COC Yes 3. Were samples dropped of 1'y client or carrier? Yes 5. Were all samples received within holding time? Yes 5. Were all samples received within holding time? Yes 5. More all samples received within holding time? Yes 5. More all samples received in good condition? Yes 5. Did the COC indicate standard TAT; or Expedited TAT? Yes 5. More all sample cooler received? Yes 6. Uf yes, was cooler received? Yes 10. Were custody/security seals intac?? Yes Note: Annue for the top of t	Chain of	f Custody (COC)							
3. Were samples dropped off by client or carrier? Yes 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes Nets: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold ine, are not included in this disassion. Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? Yes Sample Coder 7. Was a sample coder received? Inspedited TAT? Yes 8. If yes, was cooler received in good condition? Yes 10. Ware custody/security seals present? No 11. If yes, were custody/security seals present? No 11. If yes, were custody/security seals present? No 12. Was the sample (s) received intex, i.e., not broken? Yes Note: Thermal preservation is not required, if samples are received wit 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: <u>4°C</u> Sample Container 14. Are aqueous VOC samples collected in VOA Vial? No 15. Are VOC samples collected in the orrect containers? Yes 16. Just head space less thin 6–5 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 Sample Lord: The correct on an information: Sample ID 19. Is the appropriate volume/weight or number of sample containers collected? Yes Sample Bables filled out with the minimum information: Sample ID 20. Ore the Collected? Yes Sample ID 21. Does the COC or field labels inflicate the samples were preserved? No 22. Are sample(s) correctly preserved? No 23. Are sample (s) correctly preserved? No 24. Tark inflication required and/or requested for dissolved mental? No Mithibuse Sample Matrix 45. Does the COC or field habels indicate the samples were preserved? No 24. Tark inflication required and/or requested for dissolved mental? No Mithibuse Sample Matrix 34. Are sample have more than one phase, i.e., multiphase? No Mithibuse Sample Matrix 34. Are sample srequired to get sent to a subcontract laboratory? N	1. Does t	the sample ID match the COC?		Yes					
4. Was the COC complete, i.e., signatures, datestimes, requested analyses? Yes 5. Were all samples received within holding time? Yes More: Analysis, such as ple which should be conducted in the field, i.e. 15 minute hold time, are not included in this discussion. Sample Cool round Thine (TAD) 6. Did the COC indicate standard TAT, or Expedited TAT? Yes Sample cooler received? Yes 8. If yes, was cooler received? Yes 9. Was the sample(s) received intact, i.e., not broken? Yes 9. Was the sample(s) received intact, i.e., not broken? Yes 10. Were custody/security seals intact? NA 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 Not: Themal preservation is not required, if samples are received wil 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: <u>4°C</u> Sample Coltainer 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 orient containers? Yes 19. Is the appropriate volume/weight or number of sample containers collecte? Yes Sample LOP multiphese filled out with the minimum information: Sample ID ? Yes Sample ID ? No 22. Are sample(s) correctly preserve? No 23. Are sample(s) correctly preserve? No 24. Are sample(s) correctly preserve? No 27. If yes, does the COC specify which phase(s) is to be analyzed? Na Subtomatical Laboratory 26. Are 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 Subtomatical Laboratory 36. Are samples required to get sent to a subcontract	2. Does t	the number of samples per sampling site location match	the COC	Yes					
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes Note: Analysis, such as prit which should be conduced in the field, i.e. 15 minute hold time, are not included in this disession. Samole Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? Yes Sample Cooler received? Yes 8. If yes, was cooler received? Yes 9. Was the sample(s) received intact, i.e., not broken? Yes 9. Was the sample(s) received intact, i.e., not broken? Yes 9. Was the sample cooler received in score first in the disense of the sample of the sample of the sample of the recorded temp is 4°C, i.e., 6°+2°C 9. Was the sample received on is not required if samples are cereived wir 15 minutes of sampling 11. If yo sills to examples oflected the temp rature: <u>4°C</u> Sample Container 14. Are aqueous VOC samples oflected in two Avials? NA 15. Is the head space less than 6-8 mm (pea sized or less)? 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 orner containers? Yes 19. Is the appropriate volume/weight or number of sample containers collected? Yes Sample LOP 10. Oces the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No 23. Are sample(s) correctly preserved? No 24. Are sample(s) correctly preserved? No 24. Are sample(s) correctly preserved? No 25. Are sample(s) correctly preserved? No 27. If yes, does the COC on field habels indicate the samples were preserved? No 27. Are sample(s) correctly preserved? No 27. Are sample(s) correctly preserved? No 27. Are sample have more than one phase, i.e., multiphase? No 27. Are sample have required and/or requested for dissolved metals? No Nutliphase Sample Martin 26. Are samples required to get sent to a subcontract laboratory? No	3. Were s	samples dropped off by client or carrier?		Yes	Carrier	r: K	holeton Sanche	Z	
Note: Analysis, such as pII which should be conduced in the field, i.e. 15 minute hold itmus, are not included in this discussion. Sample Color I O Did the COC indicate standard TAT, or Expedited TAT? Yes Sample Cooler received? Yes Sample Cooler received? Yes Sample Cooler received? Yes 10. Were custody/security seals present? No 11. If yes, were custody/security seals present? No 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes Nour: Thermal preservation is not required, if samples are received wil 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples orlected in VOA Vials? NA 15. Are VOC samples collected in the orrect containers? Yes 10. Were field sample labels filled out with the minimum information: Sample ID? Yes Collectors name? Yes 20. Over field labels indicate the samples were preserved? Yes Collectors name? Yes 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No 23. Are sample (so crect preserved? No 24. Is lab filteration required for dissolved metals? No 25. Are sample for the compreserved? No 26. Are sample (so crect preserved? No 27. If yes, does the COC specify which phase(s) is to be analyzed? Na 27. Are sample fave more than one phase, i.e., multiphase? No 27. Are sample fave more than one phase, i.e., multiphase? No 27. Are sample fave more than one phase, i.e., multiphase? No 27. Are sample fave more than one phase, i.e., multiphase? No 27. Are sample fave more than one phase, i.e., multiphase? No 27. Are sample fave more than one phase, i.e., multiphase? No 27. Are sample fave more than one phase, i.e., multiphase? No 27. Are sample fave more than one phase, i.e., multiphase? No 27. Are sample fave more than one phase, i.e., multiphase? No 27. Are sample fave more than one phase, i.e., multiphase? No 27. Are sample fave more than one phase, i.e., multiphase? No 27. Are sample fave more than one	4. Was th	ne COC complete, i.e., signatures, dates/times, requested	l analyses?	Yes				_	
6. Did the COC indicate standard TAT, or Expedited TAT? Yes Sample Cooler	5. Were a	Note: Analysis, such as pH which should be conducted in the	e field,	Yes		_		<u>Commen</u>	ts/Resolution
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 intact? 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 Not: Themal preservation is not required, if samples are received wil 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. Is the head space less than 6~8 mm (pea sized or less)? 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 Date/Time Collected? Yes Collected? Yes Sample PD? Yes Date/Time Collected? Yes Sample Post the COC or field labels indicate the samples were preserved? No 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No	Sample '	<u>Turn Around Time (TAT)</u>				ſ			
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., on to broken? Yes 0. Ware 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 NA 13. If no visible ice, record the temperature. Actual sample temperature: $\frac{4°C}{2}$ Yes Sample Container No 14. Are aqueous VOC samples collected in VOA Vials? NA 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 Date/Time Collected? Yes Collectors name? Yes Sample ID? Yes Date/Time Collected? Yes Collectors name? Yes Sample IP: Na 21. Does the COC or field labels indicate the samples were preserved? Na	6. Did th	e COC indicate standard TAT, or Expedited TAT?		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 NA 13. In ov 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 Field Label Yes 20. Were field sample labels filled out with the minimum information: Sample ID? Sample Correctly preserved? Na 21. Does the COC or field labels indicate the samples were preserved? No 21. Does the COC or field labels indicate the samples were preserved? No 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correct	Sample	<u>Cooler</u>							
9. Was the sample(s) received in tact, 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°42°C Not: Thermal preservation is not required, if samples are received wii 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: <u>4°C</u> Sample Container 14. Are aqueous VOC samples present? No 15. Are VOC samples collected in VOA Vials? NA 16. Is the head space less than 6-8 mm (pea sized or less)? NA 17. Was at tip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the correct containers? Yes Field Label 20. Were field sample labels filled out with the minimum information: Sample Content or yes Sample Collected? Yes Field Label 21. Does the COC or field labels indicate the samples were preserved? NA 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample (Martix 25. Are sample (Martix 26. Does the COC specify which phase(is) is to be analyzed? NA 27. If yes, does the COC specify which phase(s) is to be analyzed? NA 28. Are sample have more than one phase, i.e., multiphase? No Multiphase Sample Martix 26. Does the COC specify which phase(s) is to be analyzed? NA 27. If yes, does the COC specify which phase(s) is to be analyzed? NA 28. Are sample have more than one phase, i.e., multiphase? No Multiphase Sample Martix 28. Are sample have more than one phase, i.e., multiphase? No Multiphase Sample Martix 26. Does the COC specify which phase(s) is to be analyzed? NA 27. If yes, does the COC specify which phase(s) is to be analyzed? NA 28. Are sample have more than one phase, i.e., multiphase? No Multiphase Sample Martix 28. Are sample have more than one phase, i.e., multiphase? No Multiphase Sample Martix 29. Does the COC specify which phase(s) is to be analyzed? NA 20. Are samples required to get sent to a subcontract laboratory? No	7. Was a	sample cooler received?		Yes					
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28. Are samples required to get sent to a subcontract laboratory? No	27. If yes	s, does the COC specify which phase(s) is to be analyzed	d?	NA					
	<u>Subcont</u>	ract Laboratory							
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na	28. Are s	samples required to get sent to a subcontract laboratory?		No					
	29. Was	a subcontract laboratory specified by the client and if so	who?	NA S	Subcontract I	Lab	: na		

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







5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:

Bois D Arc SWD #1

Work Order: E208064

Job Number: 19034-0013

Received: 8/10/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/12/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 8/12/22

Tami Knight 104 South 4th Street Artesia, NM 88210

Project Name: Bois D Arc SWD #1 Workorder: E208064 Date Received: 8/10/2022 3:00:00PM

Tami Knight,



The analytical test results summarized in this report with the Project Name: Bois D Arc SWD #1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Field Offices:

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



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Sample Summary

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		Sample Sum	mai y		
EOG Resources		Project Name:	Bois D Arc SWD #1		Reported:
104 South 4th Street		Project Number:	19034-0013		Reported:
Artesia NM, 88210		Project Manager:	Tami Knight		08/12/22 13:41
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-32	E208064-01A	Soil	08/10/22	08/10/22	Glass Jar, 4 oz.
CS-33	E208064-02A	Soil	08/10/22	08/10/22	Glass Jar, 4 oz.
CS-34	E208064-03A	Soil	08/10/22	08/10/22	Glass Jar, 4 oz.
CS-35	E208064-04A	Soil	08/10/22	08/10/22	Glass Jar, 4 oz.



	0	ampic D	ala			
EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 1903	s D Arc SWD # 34-0013 i Knight	£1		Reported: 8/12/2022 1:41:11PM
		CS-32				
		E208064-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: RKS		Batch: 2233067
Benzene	ND	0.0250	1	08/11/22	08/11/22	
Ethylbenzene	ND	0.0250	1	08/11/22	08/11/22	
Foluene	ND	0.0250	1	08/11/22	08/11/22	
p-Xylene	ND	0.0250	1	08/11/22	08/11/22	
p,m-Xylene	ND	0.0500	1	08/11/22	08/11/22	
Total Xylenes	ND	0.0250	1	08/11/22	08/11/22	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	08/11/22	08/11/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: RKS		Batch: 2233067
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/11/22	08/11/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	08/11/22	08/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2233066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/11/22	08/11/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/11/22	08/11/22	
Surrogate: n-Nonane		99.2 %	50-200	08/11/22	08/11/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: KL		Batch: 2233053
Chloride	ND	20.0	1	08/11/22	08/11/22	

Sample Data

Sample Data

	D	ampic D	ala			
EOG Resources	Project Name:	Bois	s D Arc SWD #1			
104 South 4th Street		Reported:				
Artesia NM, 88210	Project Manag	ger: Tam	ii Knight			8/12/2022 1:41:11PM
		CS-33				
		E208064-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2233067
Benzene	ND	0.0250	1	08/11/22	08/11/22	
Ethylbenzene	ND	0.0250	1	08/11/22	08/11/22	
Foluene	ND	0.0250	1	08/11/22	08/11/22	
p-Xylene	ND	0.0250	1	08/11/22	08/11/22	
p,m-Xylene	ND	0.0500	1	08/11/22	08/11/22	
Total Xylenes	ND	0.0250	1	08/11/22	08/11/22	
Surrogate: 4-Bromochlorobenzene-PID		97.9 %	70-130	08/11/22	08/11/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: RKS		Batch: 2233067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/11/22	08/11/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.1 %	70-130	08/11/22	08/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g/kg Analyst: JL		Batch: 2233066	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/11/22	08/11/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/11/22	08/11/22	
Surrogate: n-Nonane		82.4 %	50-200	08/11/22	08/11/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2233053
Chloride	ND	20.0	1	08/11/22	08/11/22	

Sample Data

	50	ample D	ala			
EOG Resources	Project Name:	Bois	D Arc SWD #	1		
104 South 4th Street	Project Numbe	er: 1903	34-0013		Reported:	
Artesia NM, 88210	Project Manage	er: Tam	i Knight			8/12/2022 1:41:11PM
		CS-34				
]	E208064-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2233067
Benzene	ND	0.0250	1	08/11/22	08/11/22	
Ethylbenzene	ND	0.0250	1	08/11/22	08/11/22	
Toluene	ND	0.0250	1	08/11/22	08/11/22	
o-Xylene	ND	0.0250	1	08/11/22	08/11/22	
o,m-Xylene	ND	0.0500	1	08/11/22	08/11/22	
Fotal Xylenes	ND	0.0250	1	08/11/22	08/11/22	
Surrogate: 4-Bromochlorobenzene-PID		99.1 %	70-130	08/11/22	08/11/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2233067
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/11/22	08/11/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	08/11/22	08/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2233066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/11/22	08/11/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/11/22	08/11/22	
Surrogate: n-Nonane		85.1 %	50-200	08/11/22	08/11/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2233053
Chloride	ND	20.0	1	08/11/22	08/11/22	



Sample Data

	D.	ampic D	ala			
EOG Resources 104 South 4th Street	Project Name: Project Numbe		s D Arc SWD #1 34-0013			Reported:
Artesia NM, 88210	Project Manag	ger: Tam	ii Knight			8/12/2022 1:41:11PM
		CS-35				
		E208064-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: RKS		Batch: 2233067
Benzene	ND	0.0250	1	08/11/22	08/11/22	
Ethylbenzene	ND	0.0250	1	08/11/22	08/11/22	
Toluene	ND	0.0250	1	08/11/22	08/11/22	
p-Xylene	ND	0.0250	1	08/11/22	08/11/22	
p,m-Xylene	ND	0.0500	1	08/11/22	08/11/22	
Total Xylenes	ND	0.0250	1	08/11/22	08/11/22	
Surrogate: 4-Bromochlorobenzene-PID		98.7 %	70-130	08/11/22	08/11/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2233067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/11/22	08/11/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	08/11/22	08/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/11/22	08/11/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/11/22	08/11/22	
Surrogate: n-Nonane		85.9 %	50-200	08/11/22	08/11/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2233053
Chloride	ND	20.0	1	08/11/22	08/11/22	



OC Summary Data

		QC D	u 1111111 a	in y Data	u				
EOG Resources 104 South 4th Street Artesia NM, 88210		Project Name: Project Number: Project Manager:	19	ois D Arc SW 034-0013 umi Knight	D #1				Reported: 8/12/2022 1:41:11PM
		Volatile Organics by EPA 8021B							
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2233067-BLK1)								8/11/22 A	nalyzed: 08/11/22
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	7.87		8.00		98.4	70-130			
LCS (2233067-BS1)]	Prepared: 0	8/11/22 A	analyzed: 08/11/22
Benzene	4.91	0.0250	5.00		98.2	70-130			
Ethylbenzene	4.72	0.0250	5.00		94.4	70-130			
Toluene	4.92	0.0250	5.00		98.3	70-130			
o-Xylene	4.85	0.0250	5.00		97.1	70-130			
p,m-Xylene	9.55	0.0500	10.0		95.5	70-130			
Total Xylenes	14.4	0.0250	15.0		96.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.05		8.00		101	70-130			
LCS Dup (2233067-BSD1)]	Prepared: 0	8/11/22 A	analyzed: 08/11/22
Benzene	4.54	0.0250	5.00		90.8	70-130	7.78	20	
Ethylbenzene	4.42	0.0250	5.00		88.4	70-130	6.65	20	
Toluene	4.57	0.0250	5.00		91.3	70-130	7.39	20	
o-Xylene	4.46	0.0250	5.00		89.1	70-130	8.54	20	
p,m-Xylene	8.90	0.0500	10.0		89.0	70-130	7.06	20	
Total Xylenes	13.4	0.0250	15.0		89.0	70-130	7.56	20	
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00						



OC Summary Data

		QU L	umm	ary Date	u				
EOG Resources 104 South 4th Street Artesia NM, 88210		Project Name: Project Number Project Manager	: 1	Bois D Arc SW 9034-0013 Fami Knight	D #1				Reported: 8/12/2022 1:41:11PM
	No	nhalogenated	Organics	by EPA 80	15D - G	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2233067-BLK1)							Prepared: 0	8/11/22 A	nalyzed: 08/11/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.4	70-130			
LCS (2233067-BS2)							Prepared: 0	8/11/22 A	nalyzed: 08/11/22
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0		89.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.3	70-130			
LCS Dup (2233067-BSD2)							Prepared: 0	8/11/22 A	nalyzed: 08/11/22
Gasoline Range Organics (C6-C10)	42.5	20.0	50.0		85.1	70-130	5.09	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.2	70-130			


QC Summary Data

		QU DI		ary Date	4				
EOG Resources 104 South 4th Street		Project Name: Project Number:		Bois D Arc SW1 9034-0013	D #1				Reported:
Artesia NM, 88210		Project Manager:	Т	`ami Knight					8/12/2022 1:41:11PM
	Nonha	alogenated Org	anics by	EPA 8015E) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2233066-BLK1)							Prepared: 0	8/11/22 A	nalyzed: 08/11/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.0		50.0		93.9	50-200			
LCS (2233066-BS1)							Prepared: 0	8/11/22 A	nalyzed: 08/11/22
Diesel Range Organics (C10-C28)	248	25.0	250		99.1	38-132			
Surrogate: n-Nonane	43.1		50.0		86.1	50-200			
Matrix Spike (2233066-MS1)				Source:	E208064-0	02	Prepared: 0	8/11/22 A	nalyzed: 08/11/22
Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	38-132			
Surrogate: n-Nonane	37.8		50.0		75.7	50-200			
Matrix Spike Dup (2233066-MSD1)				Source:	E208064-(02	Prepared: 0	8/11/22 A	nalyzed: 08/11/22
Diesel Range Organics (C10-C28)	250	25.0	250	ND	99.8	38-132	2.46	20	
Surrogate: n-Nonane	37.3		50.0		74.6	50-200			



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QC Summary Data

		$\mathbf{x} \circ \sim$							
EOG Resources 104 South 4th Street Artesia NM, 88210		Project Name: Project Number: Project Manager:	1	ois D Arc SW 9034-0013 ami Knight	D #1				Reported: 8/12/2022 1:41:11PM
		Anions	by EPA	300.0/9056	4				Analyst: KL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2233053-BLK1)							Prepared: 0	8/10/22 A	nalyzed: 08/10/22
Chloride LCS (2233053-BS1)	ND	20.0					Prepared: 0	8/10/22 A	nalyzed: 08/10/22
Chloride	264	20.0	250		105	90-110			
Matrix Spike (2233053-MS1)				Source:	E208055-0	01	Prepared: 0	8/10/22 A	nalyzed: 08/10/22
Chloride	288	20.0	250	23.5	106	80-120			
Matrix Spike Dup (2233053-MSD1)				Source:	E208055-0	01	Prepared: 0	8/10/22 A	nalyzed: 08/10/22
Chloride	290	20.0	250	23.5	107	80-120	0.887	20	

QC Summary Report Comment:

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



EOG Resources	Project Name:	Bois D Arc SWD #1	
104 South 4th Street	Project Number:	19034-0013	Reported:
Artesia NM, 88210	Project Manager:	Tami Knight	08/12/22 13:41
	104 South 4th Street	104 South 4th Street Project Number:	104 South 4th StreetProject Number:19034-0013

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

Released to Imaging: 11/17/2022 11:11:34 AM

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T3			:)				Received by: (Sig	gnature)	1 11 11	1		10		Constant And And And And And And And And And And				-		1			
Relinquished by: (Signature) Date Time Received by: (Signature) Date Time AVG Temp °C 4	Relinquishe	ed by: (Signature)	Date	Т	lime	Received by: (Sig	gnature)	Date	1	lime		1	States -	NA W	din inc	U	4			. <u>13</u>		
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA	Sample Mat	rix: S - Soil, Sd - So	id, Sg - Sludg	e, A - Aqueo	us, O - Other				Container"	Type:	a - al-	acc n					abor	alace	1-25-21	0.4	の時代の時代		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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.	Note: Samp	ples are discarde	d 30 days a	fter results	are reported	d unless oth	er arrangements are	made. Hazardous san	nples will be r	eturn	ed to d	client o	or dis	nosed	ofat	the cli	ente	giass	o Th	OA rono	ort for the analy	ric of the a	boug

Page _____ of ____

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@ envirotech

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client: EOG Resources	Date Received:	08/10/22 15:0	0		Work Order ID:	E208064
Phone: (575) 748-4217	Date Logged In:	08/10/22 15:0	8		Logged In By:	Alexa Michaels
Email:	Due Date:	08/11/22 17:0	0 (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 mate	ch the COC	Yes				
3. Were samples dropped off by client or carrier?		Yes	Carrier: (Greg Crabtree		
4. Was the COC complete, i.e., signatures, dates/times, request	ted analyses?	Yes	-	<u>.</u>		
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio		Yes			<u>Commen</u>	ts/Resolution
Sample Turn Around Time (TAT)						
5. 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 Note: Thermal preservation is not required, if samples are minutes of sampling		Yes				
13. If no visible ice, record the temperature. Actual sample	temperature: 4°	Ċ				
Sample Container		_				
14. Are aqueous VOC samples present?		No				
15. Are VOC samples collected in VOA Vials?		NA				
16. Is the head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a trip blank (TB) included for VOC analyses?		NA				
18. Are non-VOC samples collected in the correct containers?		Yes				
19. Is the appropriate volume/weight or number of sample contain		Yes				
Field Label						
20. Were field sample labels filled out with the minimum info	rmation:					
Sample ID?		Yes				
Date/Time Collected?		Yes				
Collectors name?		Yes				
Sample Preservation	acamiad?	No				
21. Does the COC or field labels indicate the samples were pro 22. Are sample(s) correctly preserved?	501 VCU?	No NA				
22. Are sample(s) correctly preserved? 24. Is lab filteration required and/or requested for dissolved m	etals?	NA No				
	••••10:	110				
<u>Multiphase Sample Matrix</u>	2 9	3.7				
26. Does the sample have more than one phase, i.e., multiphas 27. If use does the COC gravity which $phase(a)$ is to be apply		No				
27. If yes, does the COC specify which phase(s) is to be analyzed	zed?	NA				
Subcontract Laboratory						
28. Are samples required to get sent to a subcontract laborator	-	No				
29. Was a subcontract laboratory specified by the client and if	1 0	NA Su	bcontract La			

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



envirotech Inc.

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Waste Disposal Documentation





Practical Solutions for a Better Tomorrow

Released to Imaging: 11/17/2022 11:11:34 AM

1625 N. French Dr., Hobbs, NM 88240District II811 S. First St., Artesia, NM 88210District III1000 Rio Brazos Road, Aztec, NM 87410District IV1220 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

Page 151 of 172 Form C-138 Revised August 1, 2011

*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. Generator Name and Address: EOG Resources, Inc. – 104 S 4 th Street, Artesia NM 88210
2. Originating Site: Bois D Arc SWD #001
3. Location of Material (Street Address, City, State or ULSTR): Unit I, Section 22, T21N, R05W; Sandoval County, NM; 36.0331345, -107.3440781
4. Source and Description of Waste: Impacted Soil - Produced Water and Crude Oil
EOG Resources, Inc. authorizes Envirotech to complete the required testing and sign the Generator Waste Testing Certification.
Estimated Volume 200 _yd ³ / bbls Known Volume (to be entered by the operator at the end of the hau) yd ³ / bbls / yd ³ / bbls yd ³ / bbls yd ³ / bbls / yd ³
ILacev Granillo Participation of authorized agent forEOG Resources, Incdo hereby
certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification)
□ RCRA Exempt:Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non- Operator Use Only: Waste Acceptance Frequency ⊠ Monthly □ Weekly □ Per Load
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)
□ MSDS Information □ RCRA Hazardous Waste Analysis ⊠ Process Knowledge □ Other (Provide description in Box 4)
GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS
I, do hereby certify that representative samples of the oil field
waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.
5. Transporter: Adamah
OCD Permitted Surface Waste Management Facility
Name and Facility Permit #: Envirotech Inc. Permit # NM-01-0011
Address of Facility: #43 Road 7175, South of Bloomfield NM
Method of Treatment and/or Disposal:
Evaporation Injection Treating Plant Landfarm Landfill Other
Waste Acceptance Status:
PRINT NAME:
SIGNATURE: TELEPHONE NO.:

Page	152	of	172
1 use	104	y	1 / 1

E	3 envi	rotech		Bill o	f Lac	ding	MANIFEST # 73197 GENERATOR POINT OF ORIGIN BOSD Arc. SWI TRANSPORTER							
	E: (505) 632-0615 • 5	796 U.S. HIGHWAY 64			V MEXICO	0 87401	DAT	<u>= 06.02</u>		19034-0004				
LOAD NO.	DECTINIATION	COMPLETE DESCRIPT	1		BBLS	DRUMS	TI/T4		RTING COMPA	DRIVER SIGNATURI				
NO.	DESTINATION	MATERIAL	GRID	YDS	BBL2	DRUIVIS	TKT#		TIME	DRIVER SIGNATORI				
	LF2-5	Con't-Soil	m28	12	-	~	~	736	1230	Bok Lutgen				
2	LF2-5	11 11	MZS	12	-	~	-	T 36	1630	Bos Lotger				
				24						(
1.1														
DECLUZ				A	/		<u> </u>							
LZ81	CHLORIDE TEST	I LANDFARM EMPLOYEE	Jary	KAL	Ins	An	Swe M	IOTES						
	CHLORIDE TEST	🗆 Soil w/ Debris 🗆 Af	ter Hours/Wee	kend Receiva	I 🗆 Scrape (Out 🗆 Wash O	ut							
	CHLORIDE TEST	By signing as the d												
DASS	PAINT FILTER TEST	certify the material						and that no addition erial being received						

Generator Onsite Contact _

Phone

Benvir	otech	BOL# 73197	
CHL	ORIDE TESTING	/ PAINT FILTER TES	STING
DATE <u>06.0</u>	12.72 TIME	1230	Attach test strip here
CUSTOMER	209		C N
SITE	BOIS D A	rcswD#/	
DRIVER	Bob Litgen		8
SAMPLE	Soil Straight	With Dirt	8
CHLORIDE TEST	28/ mg/Kg		6
ACCEPTED	YES X	NO	5
PAINT FILTER TEST	Time started 1230	Time completed	4
PASS	YES	NO	2
SAMPLER/ANALYST	Cory Roles	naon	

Released 7091 Hitigingt: 11/11/2/2022 1/101 28 404 1/2 2-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

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E		rotech		Bill o			MANIFEST # 73204 GENERATOR 200 POINT OF ORIGIN BOIS ARC-SWDT TRANSPORTER YUCCA						
7	E: (505) 632-0615 • 5	796 U.S. HIGHWAY 64		0 87401	DATE 06.05-22 JOB # 19034-0034								
LOAD NO.	DECTINATION	COMPLETE DESCRIPT	1		BBLS	DRUMS	TKT#	TRANSPO TRK#	ORTING COMPA	DRVER SIGNATURE			
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	11/1#	AT 2	TIME	DRIVERSIGNATORE			
	LF2-5	Contson	mas	18	-		-	PUP	1606	Mann			
				18					1	N. U.			
2													
_													
RESULT	S	LANDFARM	1	D.		000	Gue NC	DTES					
1281	CHLORIDE TEST	1 EMPLOYEE	sell	YKO	4M	We	12 -						
	CHLORIDE TEST	🗆 Soil w/ Debris 🗆 Af					a management of the second						
	CHLORIDE TEST									d to or tampered with. Is been added or mixe			
PASS	PAINT FILTER TEST	into the load. Landf											

Generator Onsite Contact

Phone

Benvir	otech	BOL# 73204	(
CHL	ORIDE TESTING / F	PAINT FILTER TES	STING
DATE 06	02.22 TIME	1605	Attach test strip here
CUSTOMER	EOg		ACD
SITE	Boig ARC -	SWD #/	TAB
DRIVER	Hanny		9
SAMPLE	Soil Straight	_ With Dirt	8
CHLORIDE TEST	-28/ mg/Kg		6
ACCEPTED	YES	NO	5-
PAINT FILTER TEST	Time started 1605	Time completed 1616	3
PASS	YES b	, NO	2
SAMPLER/ANALYST	Coypell	noon	1

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1 "50	100	<i>y i i i</i>

E	3 envi	rotech		Bill of Lading				MANIFEST # 73223 GENERATOR ≤ 09 POINT OF ORIGIN $\beta_{01} \leq 0$ Arc ≤ 00 TRANSPORTER $\beta_{01} \leq 0$				
HONE	: (505) 632-0615 • 57	96 U.S. HIGHWAY 64	• FARMING	TON, NEV		87401			2 JOB #_	19034-0064		
LOAD		COMPLETE DESCRIPT			ORTING COMPA							
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE		
j.	1F2-5	Con't Soi L	m28	12	~	1	~	736	1145	- Bab Litre		
2	LF2-5	1, 1/	m28	12		~	~	736	1530	Bob Litza		
			-	24						0		
		1						-				
								-				
RESULT	s	LANDFARM	1	1			NO ^T	TES				
L281	CHLORIDE TEST		jory	Rob	mot	27 (Gwv NO	165				
	CHLORIDE TEST	🗆 Soil w/ Debris 🗆 Af					and the second sec					
	CHLORIDE TEST	By signing as the d										

Generator Onsite Contact

Phone

	otech	^{воц#_232} G / PAINT FILTEF	23 R TESTING
		IME 1145	Attach tost strip hore
DATE 061			Attack tost strip hore
CUSTOMER	209		
SITE	BOIS D A	re SWD#1	
DRIVER	Bob Luty	m	_
SAMPLE	Soil Straight	With Dirt	-
CHLORIDE TEST	-281 mg/Kg		
ACCEPTED	YES _>	NO	
PAINT FILTER TEST	Time started 1145	Time completed / /	56
PASS	YES	NO	
SAMPLER/ANALYST	Gary Por	MAO-	
	a second for '		

Released store Torespire: Fall And Scale 24 64 197 (505) 52-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

	3 envi		J.S. HIGHWAY 64 COMPLETE DESCRIPT	• FARMING				GENERA POINT C TRANSP) DISDA	19034-0004
LOAD NO.	DESTINATION		MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
	LF2-5	(prit Soil	m28	20		-		AFS	1215	Month
2	LF2.5		11 6	m28	16	1-	-		AFS	1640	Kont
				-	36						1000
RESULT	S			1	P	1 m	2 100 -	NOTE	S		
1281	CHLORIDE TEST	1	EMPLOYEE	Muy	1000	AND	0				
1	CHLORIDE TEST		🗆 Soil w/ Debris 🗆 Af								
D435	CHLORIDE TEST PAINT FILTER TEST		By signing as the d certify the material								to or tampered with

Generator Onsite Contact

Phone



Released 70 1 maging: 11/1 120 20 20 7191 123 45 (4) 102-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

73	4	-	0	~		
Paga	- 1	61	0	*	1	7.7
Page		υ	/ /	Ι.	L	- 24
				/ -		

1	2 anvi	ratach		D '11					#7323	1	
E	3 envi	rotech		Bill o	t Lac	aing	GEN			20 DA	IC SWD #
	/									han	
PHONE	: (505) 632-0615 • 5	796 U.S. HIGHWAY 64 •	FARMING	TON, NEV		87401	DAT		103	JOB #	19034-0004
LOAD		COMPLETE DESCRIPT								RTING COMPA	
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	ТКТ	#	TRK#	TIME	DRIVER SIGNATURE
1	CF2-5	ContSon	J28	10	e*	-	-		Atos	1432	Eign Barly
			-	10							
RESULT	S	LANDFARM	1			200	Gue	NOTES			
6281	CHLORIDE TEST	EMPLOYEE (Jal	YM	MAN	DBD	-				
	CHLORIDE TEST	🗌 🗆 Soil w/ Debris 🗆 Aft									
	CHLORIDE TEST										d to or tampered with. s been added or mixe
0455	PAINT FILTER TEST	into the load. Landfa									

Generator Onsite Contact

Phone



Released 700 1 Waying: Falv hox 2020 1101 128 404 12 2-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

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E		rotech		Bill o			GEN POII TRA	NIFEST # 7347 NERATOR ≤ 6 NT OF ORIGIN B NSPORTER 4	DOIS DAI	
	: (505) 632-0615 • 57	96 U.S. HIGHWAY 64			V MEXICC	87401	DAT	E 06.27.	C CJOB #	
LOAD NO.	DESTINATION	COMPLETE DESCRIPT MATERIAL	GRID	YDS	BBLS	DRUMS	ТКТ			ARIVER SIGNATURE
1	LF2-5	Conitso.l		12	-	-	_	AFS	1200	Home
2	LF 2-5	Controi L	K30	12	-	-	~	CAA	14:30	Hung
			1	24						
								1		
					·					
				·						
RESULTS	5			0.0		G	ue 1	NOTES		
C281	CHLORIDE TEST	EMPLOYEE	all	Roll	nso	n	_			
	CHLORIDE TEST	□ Soil w/ Debris □ Aft							2	
DASS	CHLORIDE TEST PAINT FILTER TEST		is from the	above ment	ioned Gene	rator/Point o	of Origin	and that no additio	nal material ha	I to or tampered with. s been added or mixed

Generator Onsite Contact

Phone

		-	-
Benvi	rotech	BOL# 347	1
CHL	ORIDE TESTING / F	PAINT FILTER TES	STING
DATE <u>66</u>	21-22 TIME	1200	Attach test :
CUSTOMER	E09		TZ A C
SITE	BOLS D. Arcas	Sup#/	
DRIVER		MMM	9
SAMPLE	Soil Straight	With Dirt	7
CHLORIDE TEST	-28/ mg/Kg		6
ACCEPTED	YES	NO	
PAINT FILTER TES	T Time started 1200	Time completed 1210	3
PASS	YES 4	NO	2
SAMPLER/ANALYST	Can How	NOO	
	/ /		

Released 700 thing fig F 11/19/20/2020 719.1 1 1:5 102-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

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-	2		hach						sт # 7348		
	3 env		otech		Bill o	t Lac	gnit	GENER		3	APA SUINT
C	/							POINT	OF ORIGIN	SUSD	HrC 20024
	. (505) 632-0615	5706	U.S. HIGHWAY 64		TON NEL		97401	DATE (OG: 21.2	Z IOB #	19034-0004
LOAD	. (303) 032-0013 *	5790	COMPLETE DESCRIPT			VINEXICC	101401	DATE		RTING COMPA	
NO.	DESTINATION		MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LF2-5	C	ontsoil	K30	12		-		Ato3	1230	Eneren barly
2	LFZ-S	Ċ	oitso!L	K30	10	-	-		ATD	16:50	Elym Bul
					22						, ,
								1			
RESULT	s		LANDFARM		. /	b./		Gue NOT	ES		
6281	CHLORIDE TEST	1	EMPLOYEE	au	JK	MM	noo	2	-		
	CHLORIDE TEST		□ Soil w/ Debris □ Aft		1	I 🗆 Scrape (Out □ Wash Ou	ut			
	CHLORIDE TEST										to or tampered with. I
DASS	PAINT FILTER TEST		into the load. Landfa								s been added or mixed cordingly.

Generator Onsite Contact

Phone _

Benvirotech	BOL# 73482
CHLORIDE TESTING / F	PAINT FILTER TESTING
DATE <u>6-21</u> TIME	Attach test strip here
CUSTOMER <u>E09</u>	÷
SITE BOISDAR	C.SWD#/
DRIVER Legace Bently	9
SAMPLE Soil Straight	With Dirt
CHLORIDE TEST mg/Kg	7.
ACCEPTED YES	NO8
PAINT FILTER TEST Time started 1230	Time completed 1246
PASS YES	NO
SAMPLER/ANALYST Cary Kom	du l
5700 HIGH WORK F	

Released 706 11 1979 00 28 74 11 Ph3 20 20 28 74 11 Ph3 20 51 M2-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

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E		rotech			of Lad		GENE POINT	EST # 735 RATOR <u>EO</u> OF ORIGIN _ SPORTER <u>Y</u>	Boist	Arc SWD
	E: (505) 632-0615 • 5	5796 U.S. HIGHWAY 64			W MEXICO	0 87401	DATE			
LOAD NO.		COMPLETE DESCRIP	1						DRTING COMPA	1
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	PRIVER SIGNATURE
/	LFD-5	Con't soil	K30	14	-	~	-	AF3	1230	1 Count
2	11	11 11	K30	14		. ~	-	AF3	1630	Banks
			-	28						. 191
			/ _ 1							
			2 1							
RESULT	S	LANDFARM	1	1	1.	G	NC NO	TES		
2281	CHLORIDE TEST	EMPLOYEE	Du	1VA	1 in	AIM	,			
1	CHLORIDE TEST	□ Soil w/ Debris □ Af	ter Hours/Wee	kend Receiva	al 🗆 Scrape (Dut 🗆 Wash O	ut			
	CHLORIDE TEST									to or tampered with.
OBSS	PAINT FILTER TEST	certify the material into the load. Landf								s been added or mixe cordingly.

Generator Onsite Contact _

Signatures required prior to distribution of the legal document. DISTRIBUTION: White - Company Records / Billing Yellow - Customer Pink - LF Copy

Phone _

Cenvirotech	BOL# 73516
CHLORIDE TESTING / F	PAINT FILTER TESTING
DATE 06-23-22 TIME	Attach test strip here
CUSTOMER <u>EOG</u>	
SITE BOIS A. Ar	C SWD#/
DRIVER AND	9
SAMPLE Soil Straight	_ With Dirt
CHLORIDE TEST 28 mg/Kg	6
ACCEPTED YES	NO
PAINT FILTER TEST Time started 1230	Time completed 1244
PASS YES	NO 2
SAMPLER/ANALYST CAUY MU	Magn
- / '	

Released 18 11 maging: Fht/19/2022 1101 P3/404/12-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

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C	2 env	irc	otech		Bill c	of La	dina	GENE	EST # 735				
F				0.0			ung	POINT	OINT OF ORIGINBO'S D. Arc. SUD #1 RANSPORTER Adamah				
								TRAN	SPORTER AC	amah			
HONE	: (505) 632-0615 •	5796	U.S. HIGHWAY 64	4 ● FARMING	TON, NE	W MEXICO	D 87401	DATE	06-23-	27 JOB #	19034-0004		
OAD			COMPLETE DESCRIP	PTION OF SHIP	MENT				TRANSPO	RTING COMPA	ANY		
NO.	DESTINATION		MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE		
	LF2.5	C	unitsoil	K30	20	-	-	-	ATO	2123	Eugene Boyl		
2	/1		h lr	K30	20	-	_	-	Atoz	1640	Jugachell		
					40								
									1				
						-							
						11 11							
	1									1 1 1 1 1	1.00		
ESULT	S		LANDFARM	1	. /	1.		Gue NC	DTES				
281	CHLORIDE TEST	1	EMPLOYEE (all	KA	IN	SAN						
	CHLORIDE TEST		Soil w/ Debris A	After Hours/Wee	kend Receiva	al 🗆 Scrape	Out 🗆 Wash (Out					
	CHLORIDE TEST		By signing as the	driver/transpo	rter, I certi	fy the mate	rial hauled f	rom the abo			d to or tampered with.		
1455	PAINT FILTER TEST	1	certify the materia into the load. Land								s been added or mixed		

Generator Onsite Contact

Phone

Benvirotech	BOL# 73517
CHLORIDE TESTING / F	PAINT FILTER TESTING
DATE 06-23-22 TIME	1230 Attach tes ere
CUSTOMER 209	(ł
SITE BOISDACC	Sud#/
DRIVER Lique Bent	
SAMPLE Soft Straight	With Dirt 7
CHLORIDE TEST _2%/ mg/Kg	6
ACCEPTED YES X	NO
PAINT FILTER TEST Time started 1230	Time completed 1244
PASS YES	/ NO
SAMPLER/ANALYST COLY Kol	Inson

Released 10 11 marging: Fhink 9/2022 11 11 1:340 11 2:0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com



United States Department of the Interior Bureau of Land Management New Mexico Farmington Field Office Report of Undesirable Event



1. Operator: EOG Resources, Inc.			Field Name:	Pois D	Arc SW	D #001	
2. IID NO (Lease, ROW, Unit/PA, CA	A): NMNM10		nit #203H	DUISD	AICSW	D #001	
3. Date of Occurrence: 5/27/2022 af				ne of Oc	currence	unknown	
4. Date Reported to BLM: 6/1/2022		Fime Reported t			Reported		argo
5. Reported By: Marie Florez		er: 505-419-84		pm	- F	Lucas v	argo
6. Person in Charge: Amber Griffin		er: 575-748-14					
7. Location: County: Sandoval	State: NM		R. 05W	Sec.	22	Qtr/Qtr: NES	F or Unit I
8. Surface Ownership (BLM, other Fe						or Landmark:	
9. Well or Facility ID: 30-043-20981							Cubu IVI
10. Type of Event (See instructions):		Produced Wate	r				
11. Cause of, and Extent of Event: H	istoric staining	from Below G	ade Tank (B	GT) rem	noval.		
12. Volume Discharged or Consumed	unknown	Oil x	Water x		Gas		Other
Volume Recovered: n/a		Oil	Water		Gas		Other
Volume Lost:		Oil	Water		Gas		Other
13. Time required to Control Event:]	mmediately ad	dressed area of	historic staini	ing after	r remova	al of BGTs	
 15. Description of Potential/Resultant No damage occurred and no caus 16. Clean up Procedures and Dates: On 5/27/2022, Environmental cor On 6/2/2022, Envirotech will be of 	e/extents of per	rsonal injuries.			he footpr	int of the impa	acted area.
17. Action Taken to Prevent Recurren Removed and disposed old BGTs	ce/Initiate or U	pdate Continger	ncy Planning:				
18. General Remarks:							
EOG Resources will notify BLM	and OCD for f	inal confirmatio	n sampling uj	pon clea	an-up of	contaminated	soil.
19. Other Federal, State, & Local Age	ncies Notified:	NMOCD, EPA	, ACE, Tribe,	FIMO,	, Landow	vner (list name	s, phone numbers),
Other (List name and phone): Notifie	ed OCD by sub	mitting a C141	Initial Releas	e Notifi	ication 6	/1/2022.	
20. Signature: Marie C. Fla	orez					Date: 6/1/20	22
			•••••••	••••••	••••••		
BLM USE ONLY							
			D	1	0.400		

A. Field Office: B. Date Reported to NMSO:		
C. Event Classification (I,	II, or III):	
D. Site Inspected By:		Date:
E. FY (PRIORITY YEAR	<pre>c):</pre>	INSPECTION NO:
F. INSPECTION TYPE:		G. ACTIVITY CODE (SV OR FA):
H. NO. TRIPS:	INSPECTION HRS:	OFFICE HRS:

Instructions Report of Undesirable Events

1. Name of operator and field name.

2. Identification number for the lease, unit, participating area, communitization agreement, right of way.

3. Date and time the undesirable event occurred.

4. Date and time the undesirable event was reported to BLM; the person at the BLM that received the report. **NOTE: Major events require an immediate verbal report to a BLM Authorized Officer and a written report followup.**

5. Report by whom. Individual's name and telephone number.

6. Who will oversee the cleanup and their telephone number.

7. Exact location at which the undesirable event occurred.

8. Surface ownership; federal, state, fee, Indian, (describe) and other notable features like nearby town, communities, or landmarks.

9. Associated well number, tank battery identification, pipeline nomenclature or other identification description.

10. Type of event; oil and saltwater spill, saltwater spill, oil and toxic fluid spill, saltwater and toxic fluid spill, frac, fluid spill, gas venting, blowout, fire, fatality, injury, property damage or other (specify).

11. Describe cause and extent of event so a determination can be made as to avoidable or unavoidable loss.

12. List the amount discharged, per material, because of the event and list the amount, per material, recovered from the event. Also list the amount which was lost.

13. Time required to control the event in hours from the time of occurrence to when the event was stopped.

14. Describe the procedures and actions that were taken to control the event (include and attach photographs).

15. Describe the damage that that event caused, estimate the acreage of surface disturbance or length (feet, yard, miles) of area affected; document any affected cultural resources, loss of any wildlife or livestock, and the cause and extent of any injury; identify if any sensitive areas or surface waters are or could be affected (include stream and arroyo names if known).

16. Describe the cleanup procedures that were used along with dates and plans for reclaiming or remediating the disturbed areas.

17. Describe the actions taken or plans to prevent future events or if contingency plans will be developed or modified.

18. List any other Miscellaneous remarks.

19. Identify other federal, state, and local agencies notified such as Environmental Protection Agency (EPA), New Mexico Oil Conservation Division (NMOCD), New Mexico Environmental Department (NMED), New Mexico Ground Water Quality Bureau (NMGWQB), New Mexico Surface Water Quality Bureau (NMSWQ), County Office of Emergency (OEM), Landowners (list names and phone numbers). Other agencies (list names and phone numbers).

20. Signature and date of person receiving or submitting the report.

A. BLM Field Office where the undesirable event occurred.

B. Actual date reported to the BLM New Mexico State Office: Send a copy of the event report to NMSO via e-mail (TO BE DETERMINED) or FAX (TO BE DETERMINED).

C. Determine and document the proper event classification.

Major Event: Class I: >100 Barrels of fluids, > 500 Mcf, into environmentally sensitive areas, or major incidents.

Class II: >10 but<100 Barrels of fluids, >50 Mcf but <500 Mcf

Class III: <10 Barrels of fluids, >50 Mcf

D. List the inspection date and the BLM on site inspector.

E. Current Fiscal Year and Inspection Number by I&E.

F. Inspection type: NU = Undesirable Event

G. Activity Code: SV = Spills or venting of gas

FA = Fires or personnel accidents.

H. Number of onsite trips, inspection hours on site, travel hours to and from the site and number of office hours.

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

CONDITIONS

Operator:	OGRID:		
EOG RESOURCES INC	7377		
P.O. Box 2267	Action Number:		
Midland, TX 79702	136908		
	Action Type:		
	[C-141] Release Corrective Action (C-141)		

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	11/17/2022

Action 136908