ENSOLUM

February 14, 2023

New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: Closure Request Rojo 26 Oil Dump Valve Failure Incident Number nAPP2224256412 Lea County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of BTA Oil Producers, LLC (BTA), has prepared this *Closure Request* to document assessment, delineation, and soil sampling activities performed at the Rojo 26 Oil Dump Valve Failure (Site). Based on the delineation activities completed and laboratory analytical results from the soil sampling events, BTA is submitting this *Closure Request* describing remediation that has occurred and requesting closure for Incident Number nAPP2224256412.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit O, Section 22, Township 25 South, Range 33 East, in Lea County, New Mexico (32.11026°, -103.55605°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On August 16, 2022, the malfunction of an oil dump controller caused crude oil to overflow from the Site's separator to the compressor catch tank, resulting in the release of approximately 10 barrels (bbls) of crude oil onto the caliche well pad, with 8 bbls recovered. BTA reported the release to the New Mexico Oil Conservation Division (NMOCD) and submitted a Release Notification Form C-141 (Form C-141) on August 30, 2022. The release was assigned Incident Number nAPP2224256412.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess the applicablity of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on page 3 of the Form C-141, Site Assessment/Characterization. Potential Site receptors are identified on Figure 1.

Depth to groundwater at the Site is estimated to be between 51 feet and 100 feet below ground surface (bgs) based on a recent soil boring drilled for determination of regional groundwater depth. On Janurary 3, 2023, a boreholde (BH01) was advanced to a depth of 60 feet bgs via air rotary drill rig. The borehole was located approximately 0.39 miles southeast of the Site and is depicted on Figure 1. A field geologist logged and described soils continuously. The borehole was left open for over 72 hours to allow for potential slow infill of groundwater. After the 72-hour waiting period without oberserving groundwater, it was confirmed that groundwater beneath the Site is greater than 60 feet bgs. The borehole was properly

BTA Oil Producers, LLC Closure Request Rojo 26 Oil Dump Valve Failure

abandoned using drill cuttings and hydrated bentonite chips. All wells used for depth to groundwater determination are depicted on Figure 1 and the referenced well records are included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a dry wash, located approximately 12,551 feet northeast of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

Based on the results of the Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)- gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 10,000 mg/kg

SITE ASSESSMENT ACTIVITIES AND ANALYTICAL RESULTS

Between October 17 and November 8, 2022, Ensolum personnel were at the Site to evaluate the release extent based on information provided on the Form C-141 and visual observations. Nine assessment soil samples (SS01 through SS09) were collected within and around the release extent at a depth of approximately 0.5 feet bgs to assess the release. The soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride utilizing Hach[®] chloride QuanTab[®] test strips. The soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation was completed during the Site visit and a photographic log is included in Appendix B.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico, for analysis of the following chemicals of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method SM4500.

Laboratory analytical results for soil samples SS01 through SS09, collected within the release extent, indicated all COC concentrations were compliant with the Closure Criteria; to confirm the vertical extent of the release, additional delineation activities were warranted. Table 1 summarizes soil analytical results. The laboratory analytical report and chain of custody documentation are included in Appendix C.

DELINEATION ACTIVITIES AND ANALYTICAL RESULTS

On November 28, 2022, Ensolum personnel were at the Site to perform delineation activities. Five delineation samples (SS05A through SS09A) were advanced via hand-auger to a depth of 1-foot bgs. Soil from the delineation samples was field screened for VOCs and chloride. The soil samples were handled as described above. The delineation soil sample locations are depicted in Figure 2. A photographic log is included in Appendix B.

Page 2

BTA Oil Producers, LLC Closure Request Rojo 26 Oil Dump Valve Failure

Laboratory analytical results for delineation soil samples indicated all COC concentrations were compliant with the most stringent Table I Closure Criteria. Laboratory analytical results are summarized in Table 1 and the complete analytical reports are included as Appendix C.

CLOSURE REQUEST

Site assessment and delineation activities were conducted at the Site to address the August 16, 2022, crude oil release. Laboratory analytical results for all soil samples, collected from the Site, indicated all COC concentrations were compliant with the strictest Table I Closure. Based on the soil sample analytical results, no further remediation appears to be required.

Depth to groundwater is estimated to be greater than 60 feet bgs based on a recent soil boring installed less than ½-mile from the Site and no other sensitive receptors have been identified. BTA believes these remedial actions have been protective of human health, the environment, and groundwater. The NMOCD notifications are included as Appendix D and the Final C-141 is included as Appendix E. BTA respectfully requests closure for Incident Number nAPP2224256412.

If you have any questions or comments, please contact Ms. Tacoma Morrissey at (337) 257-8307 or tmorrissey@ensolum.com.

Tacoma Morrissev

Senior Geologist

Sincerely, Ensolum, LLC

Cadie & reen

Hadlie Green Staff Geologist

cc: Bob Hall, BTA Oil Producers, LLC Bureau of Land Management

Appendices:

- Figure 1 Site Receptor Map
- Figure 2 Soil Sample Locations
- Table 1Soil Sample Analytical Results
- Appendix A Referenced Well Records
- Appendix B Photographic Log
- Appendix C Laboratory Analytical Reports & Chain-of-Custody Documentation
- Appendix D NMOCD Notifications
- Appendix E Final C-141

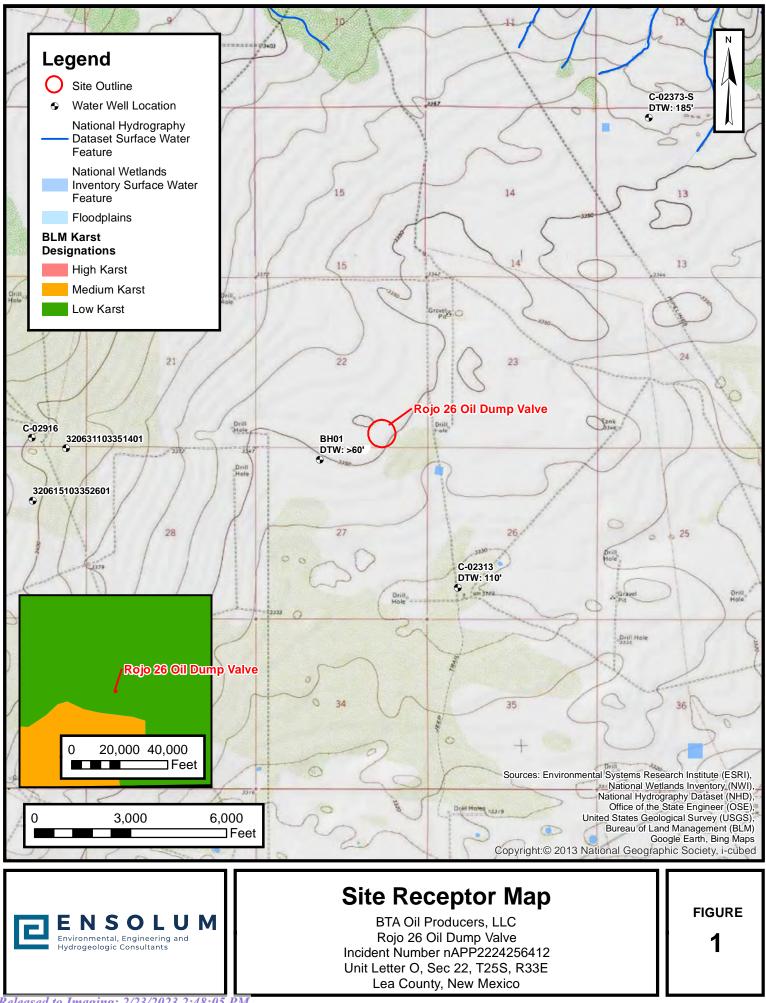




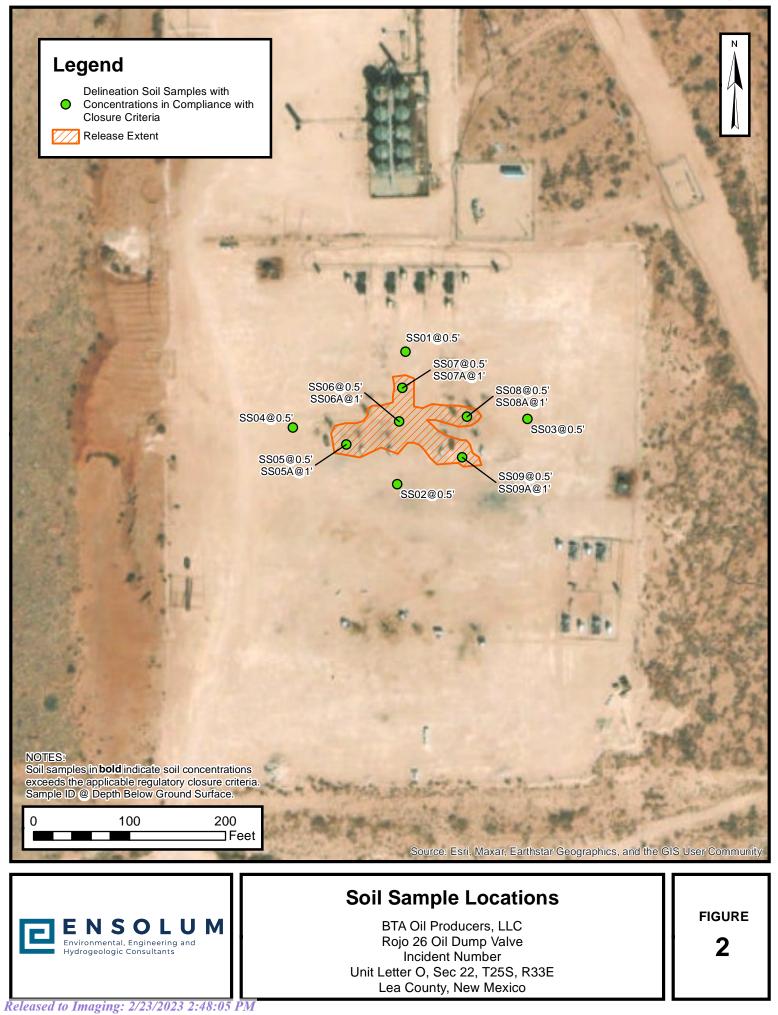
FIGURES

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TABLES

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ENSOLUM

TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Rojo 26 Oil Dump Valve BTA Oil Producers, LLC Lea County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I C	losure Criteria (I	NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000
				Deli	neation Soil Sa	nples				
SS01	10/17/2022	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS02	10/17/2022	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS03	10/17/2022	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SS04	10/17/2022	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SS05	11/08/2022	0.5	<0.050	<0.300	<10.0	10.1	<10.0	10.1	10.1	480
SS05A	11/28/2022	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
SS06	11/08/2022	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,160
SS06A	11/28/2022	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
SS07	11/08/2022	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
SS07A	11/28/2022	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
SS08	11/08/2022	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
SS08A	11/28/2022	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
SS09	11/08/2022	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,470
SS09A	11/28/2022	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304

Notes:

bgs: below ground surface mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

Concentrations in bold exceed the NMOCD Table I Closure Criteria or reclamation

standard where applicable.

GRO: Gasoline Range Organics DRO: Diesel Range Organics ORO: Oil Range Organics TPH: Total Petroleum Hydrocarbon

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APPENDIX A

Referenced Well Records

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								Sample Name: BH01	Date: 1/3/2023
				C				Site Name: Rojo 26 Oil Dump Valv	
				3	ΟΙ			Incident Number: nAPP222425641	
						Job Number: 03C2012006	-		
		LITHO	OGI		SAMPLING	LOG		Logged By: CS / MR	Method: Air Rotary
Coordi		2.107784		-		Hole Diameter: 6"	Total Depth: 60'		
					a total dept	h of 60' bgs.	No water	was observed within the soil borin	•
		-			•	-		tonite chips.	
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Des	
					1	L O	CCHE	(0-30'), CALICHE, coarse gra white to tan, dry, no	in, well graded, stain or odor.
Dry	-	-	N	-	- - - -	10			
Dry	-	-	Ν	-		20		@20' color change to pink/t	an
Dry	-	-	Ν	-	 	30	SP-SM	(30-78'), SAND, medium to (graded with trace o orange, dry, no sta	caliche nodules, red to
Dry	-	-	Ν	-	 -	40			
Dry	-	-	N	-	 -	50		@50', slightly cohesive with	trace clay
Drv	-	-	Ν	_	- - - - - - - - - - - - - - - - - - -	60		NOTE: refusal @ 60' using air rotai abundant sand.	ry drill rig due to
					-	-			
						Tatal Data		faat bas	
						Total Dep	un @ 60	reet bgs	

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۲		y Purpose	e: STK	72-12	2-1 LIV	VESTOCK WA	TERING	ŕ			
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g <u>et</u>	<u>144654 I</u>	DCL 1998	<u>8-02-09</u>	DCL	PRC	C 02313 AME	NDMENT	Т	0	3	
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New Mexico Office of the State Engineer **Point of Diversion Summary**

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Well Tag POD Number	Q64 Q16 Q4 Sec T	ws Rng	X Y		
C 02313	2 3 3 26 2	5S 33E	636971 3552098* 🤤		
x Driller License:	Driller Company:				
Driller Name: UNKNOWN					
Drill Start Date: 01/01/1925	Drill Finish Date:	06/30/1925	Plug Date:		
Log File Date:	PCW Rcv Date:		Source:		
Pump Type:	Pipe Discharge Size:		Estimated Yield:	60 GPM	
Casing Size: 6.88	Depth Well:	150 feet	Depth Water:	110 feet	

*UTM location was derived from PLSS - see Help

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USGS Water Resources

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Site	Information

Geographic Area: **United States**

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USGS 320631103351401 25S.33E.20.443313

Available data for this site SUMMARY OF ALL AVAILABLE DATA V GO

Well Site

DESCRIPTION:

Latitude 32°06'31", Longitude 103°35'14" NAD27 Lea County, New Mexico , Hydrologic Unit 13070007 Well depth: not determined. Land surface altitude: 3,398 feet above NAVD88. Well completed in "Other aquifers" (N9999OTHER) national aquifer. Well completed in "Chinle Formation" (231CHNL) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Field groundwater-level measurements	1981-03-25	1981-03-25	1
Revisions	Unavailable (site:0) (timese	eries:0)

OPERATION:

Record for this site is maintained by the USGS New Mexico Water Science Center Email questions about this site to New Mexico Water Science Center Water-Data Inquiries

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Title: NWIS Site Information for USA: Site Inventory URL: https://waterdata.usgs.gov/nwis/inventory? agency_code=USGS&site_no=320631103351401

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Search Results -- 1 sites found

Agency code = usgs

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320631103351401 25S.33E.20.443313

Lea County, New Mexico Latitude 32°06'31", Longitude 103°35'14" NAD27 Land-surface elevation 3,398 feet above NAVD88 This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Chinle Formation (231CHNL) local aquifer.

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Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1981-03-25		D	62610		3192.01	NGVD29	1		Z	
1981-03-25		D	62611		3193.64	NAVD88	1		Z	
1981-03-25		D	72019	204.36			1		Z	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined

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Section	Code	Description
Water-level approval status	А	Approved for publication Processing and review completed.

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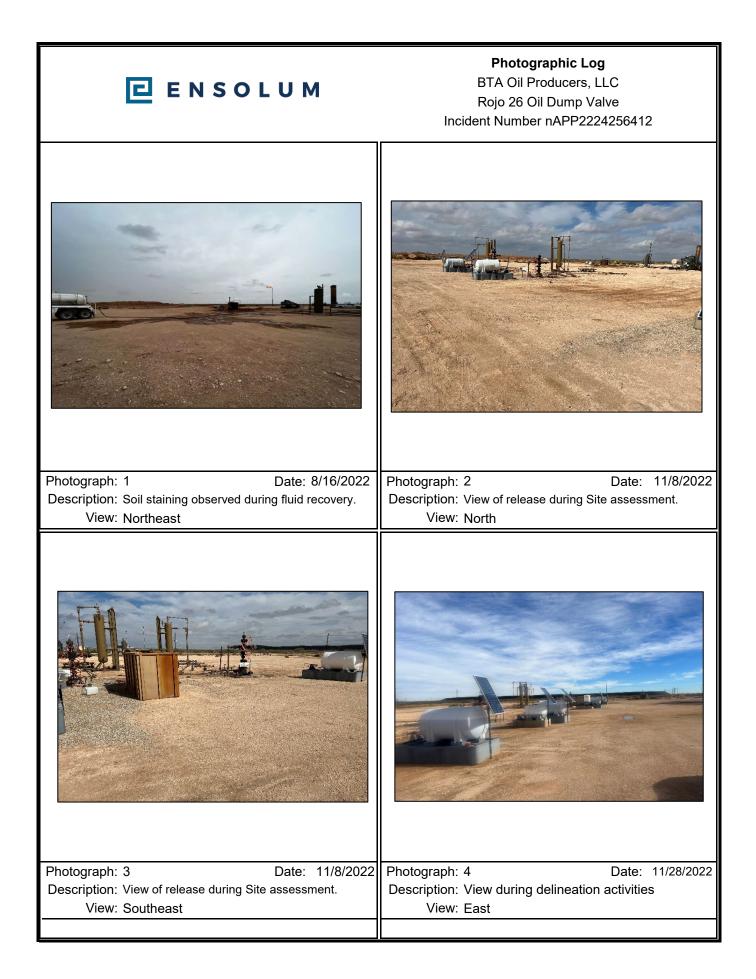




APPENDIX B

Photographic Log

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APPENDIX C

Laboratory Analytical Reports & Chain of Custody Documentation



October 21, 2022

BEAUX JENNINGS ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND, TX 79705

RE: ROJO 26 OIL DUMP VALVE FAILURE

Enclosed are the results of analyses for samples received by the laboratory on 10/18/22 14:33.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received:	10/18/2022	Sampling Date:	10/17/2022
Reported:	10/21/2022	Sampling Type:	Soil
Project Name:	ROJO 26 OIL DUMP VALVE FAILURE	Sampling Condition:	Cool & Intact
Project Number:	03C2012006	Sample Received By:	Tamara Oldaker
Project Location:	ВТА		

Sample ID: SS01 .5' (H224888-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	10/20/2022	ND	1.92	96.1	2.00	2.27	
Toluene*	<0.050	0.050	10/20/2022	ND	2.10	105	2.00	0.197	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.96	98.0	2.00	1.79	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	5.91	98.4	6.00	1.83	
Total BTEX	<0.300	0.300	10/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/19/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	209	105	200	5.87	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	210	105	200	5.25	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					
Surrogate: 1-Chlorooctane	<i>98.3</i>	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 46.3-17	0						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received:	10/18/2022	Sampling Date:	10/17/2022
Reported:	10/21/2022	Sampling Type:	Soil
Project Name:	ROJO 26 OIL DUMP VALVE FAILURE	Sampling Condition:	Cool & Intact
Project Number:	03C2012006	Sample Received By:	Tamara Oldaker
Project Location:	BTA		

Sample ID: SS02 .5' (H224888-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	1.92	96.1	2.00	2.27	
Toluene*	<0.050	0.050	10/20/2022	ND	2.10	105	2.00	0.197	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.96	98.0	2.00	1.79	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	5.91	98.4	6.00	1.83	
Total BTEX	<0.300	0.300	10/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/19/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	209	105	200	5.87	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	210	105	200	5.25	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					
Surrogate: 1-Chlorooctane	99.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received:	10/18/2022	Sampling Date:	10/17/2022
Reported:	10/21/2022	Sampling Type:	Soil
Project Name:	ROJO 26 OIL DUMP VALVE FAILURE	Sampling Condition:	Cool & Intact
Project Number:	03C2012006	Sample Received By:	Tamara Oldaker
Project Location:	BTA		

Sample ID: SS03 .5' (H224888-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	10/20/2022	ND	1.92	96.1	2.00	2.27	
Toluene*	<0.050	0.050	10/20/2022	ND	2.10	105	2.00	0.197	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.96	98.0	2.00	1.79	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	5.91	98.4	6.00	1.83	
Total BTEX	<0.300	0.300	10/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	10/19/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	209	105	200	5.87	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	210	105	200	5.25	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					
Surrogate: 1-Chlorooctane	91.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100 9	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received:	10/18/2022	Sampling Date:	10/17/2022
Reported:	10/21/2022	Sampling Type:	Soil
Project Name:	ROJO 26 OIL DUMP VALVE FAILURE	Sampling Condition:	Cool & Intact
Project Number:	03C2012006	Sample Received By:	Tamara Oldaker
Project Location:	ВТА		

Sample ID: SS04 .5' (H224888-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	1.92	96.1	2.00	2.27	
Toluene*	<0.050	0.050	10/20/2022	ND	2.10	105	2.00	0.197	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.96	98.0	2.00	1.79	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	5.91	98.4	6.00	1.83	
Total BTEX	<0.300	0.300	10/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/19/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	209	105	200	5.87	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	210	105	200	5.25	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					
Surrogate: 1-Chlorooctane	99.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Received by OCD: 2/14/2023 12:27:55 PM

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Company Name: Ensolum, LLC Project Manager: 11 11/2	11 East Mariand, Hobbs, NM 86240 (575) 393-2326 FAX (575) 393-2476 Ensolum, LLC	BILL TO	ANALYSIS REQUEST
City: Midland	State: TX Zip: 79701	Attn: Bob Hell	
le	Fax #:	Address: loy Stees st	
Project #: 03(20/2006	Project Owner: 37A	city: Midland	
0:1	Dume Valve Failver	State: TX Zip: 7970	
		Phone #: 432-312-2203	
Sampler Name: Connor Whith	5-00A	Fax #:	
	P. MATRIX	PRESERV. SAMPLING	
Lab I.D. Sample I.D.	(feet) (G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER :	TPH
1055		/ 10/172	
2055 2	1 6 1	/ 10/17/22 1015	
2	1 61	/ (0/1722 1020	
h055 p	,5 G I	c201 23/(yol /	
analyses. All claims including those for negligence and any or service. In no event shall Cardinal be liable for incidental or co affiliates or successors arising out of or related to the performa	analyses. All daims including those for negligence and any orner cause whatapever analyses, through without limitation, house or more analyses, including without limitation, house or loss of profits incurred by client, its subsidiaries, service. In or event shall Cardinal to liable for including without limitation, bisitess interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, and the service of the service	b) so is use, or loss of profits incurred by client, its sum is based upon any of the above stated reasons or or the based upon any of the above stated reasons or or the based upon any of the above stated reasons or or the based upon any of the based upon any o	nt, its subeidiaries, ons or observate. Verhal Result: Ves No Add'I Phone #:
Relinquisned by:	Time: OWO ALLW		emailed. Please provensolum.com
Relinquished By:	Timet 2, 2, 10 - 16 - 22 Received By:	REM.	REMARKS:
Delivered By: (Circle One)	CLI & Cool Inta	Initials	Turnaround Time: Standard Bacteria (only) sample Conumon Rush Cool Intact Observed Temp. °C
	+ Cardinal cannot accept verbal cl	nanges. Please email changes 1	cardinallabsnm.com

Page 26 of 54

101 East Marland, Hobbs, NM 88240

Page 7 of 7

Released to Imaging: 2/23/2023 2:48:05 PM



November 11, 2022

HADLIE GREEN ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD, NM 88220

RE: ROJO 26 OIL DUMP VALVE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 11/09/22 14:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



ENSOLUM HADLIE GREEN 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	ROJO 26 OIL DUMP VALVE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	03C2012006	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA - LEA CO NM		

Sample ID: SS05 @ 0.5' (H225287-01)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.94	96.9	2.00	9.64	
Toluene*	<0.050	0.050	11/11/2022	ND	2.14	107	2.00	8.94	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	2.02	101	2.00	8.10	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	6.04	101	6.00	9.16	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	11/10/2022	ND	416	104	400	3.92	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2022	ND	233	117	200	24.7	
DRO >C10-C28*	10.1	10.0	11/09/2022	ND	254	127	200	21.4	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					
Surrogate: 1-Chlorooctane	72.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	69.5	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM HADLIE GREEN 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	ROJO 26 OIL DUMP VALVE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	03C2012006	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA - LEA CO NM		

Sample ID: SS06 @ 0.5' (H225287-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.94	96.9	2.00	9.64	
Toluene*	<0.050	0.050	11/11/2022	ND	2.14	107	2.00	8.94	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	2.02	101	2.00	8.10	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	6.04	101	6.00	9.16	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3160	16.0	11/10/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2022	ND	233	117	200	24.7	
DRO >C10-C28*	<10.0	10.0	11/09/2022	ND	254	127	200	21.4	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					
Surrogate: 1-Chlorooctane	75.8	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	74.7	% 46.3-17	0						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM HADLIE GREEN 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	ROJO 26 OIL DUMP VALVE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	03C2012006	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA - LEA CO NM		

Sample ID: SS07 @ 0.5' (H225287-03)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.94	96.9	2.00	9.64	
Toluene*	<0.050	0.050	11/11/2022	ND	2.14	107	2.00	8.94	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	2.02	101	2.00	8.10	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	6.04	101	6.00	9.16	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	11/10/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2022	ND	233	117	200	24.7	
DRO >C10-C28*	<10.0	10.0	11/09/2022	ND	254	127	200	21.4	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					
Surrogate: 1-Chlorooctane	89.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.5	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM HADLIE GREEN 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	ROJO 26 OIL DUMP VALVE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	03C2012006	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA - LEA CO NM		

Sample ID: SS08 @ 0.5' (H225287-04)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.94	96.9	2.00	9.64	
Toluene*	<0.050	0.050	11/11/2022	ND	2.14	107	2.00	8.94	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	2.02	101	2.00	8.10	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	6.04	101	6.00	9.16	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	11/10/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2022	ND	233	117	200	24.7	
DRO >C10-C28*	<10.0	10.0	11/09/2022	ND	254	127	200	21.4	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					
Surrogate: 1-Chlorooctane	63.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	61.7	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM HADLIE GREEN 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	ROJO 26 OIL DUMP VALVE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	03C2012006	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA - LEA CO NM		

Sample ID: SS09 @ 0.5' (H225287-05)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.94	96.9	2.00	9.64	
Toluene*	<0.050	0.050	11/11/2022	ND	2.14	107	2.00	8.94	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	2.02	101	2.00	8.10	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	6.04	101	6.00	9.16	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1470	16.0	11/10/2022	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2022	ND	233	117	200	24.7	
DRO >C10-C28*	<10.0	10.0	11/09/2022	ND	254	127	200	21.4	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					
Surrogate: 1-Chlorooctane	78.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	77.5	% 46.3-17	8						

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Released to Imaging: 2/23/2023 2:48:05 PM

Received 1	by	OCD:	2/14	/2023	12:27:55	PM	

nd, Hobbs, NM 882 6 FAX (575) 393-24 Lt Lt Lt State: NM Fax #: Project Owner Dump valve failur	p: 82332	BILL TO P.O. #: Company: [STP 01L Attn: Bob Haul Address: 104 S Pecus ST Address: 104 S Pecus ST City: Mud.land State: TX Zip: 7490 Phone #:		ANA	ANALYSIS REQUEST
NM					
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	ING		
Lab I.D. Sample I.D.	G)RAB OR (C)OMP. CONTAINERS BROUNDWATER VASTEWATER SOIL DIL SLUDGE	DTHER : ACID/BASE: ICE / COOL OTHER : DATE	BTEX	TPH Chlonder	
>	× 5	X 11.8.22	1012 X	XX	
State D D.S.	-		X 0601	x	
U @ 4055	-	× 11-8-33	1025 K	XX	
00	C 1 ×	× 1.8.33	-	XX	
SS09 (6 1 ×	× 11.8.1	× 25.01	XX	
ty and clik any other l or conse	ny claim arising whether based in contract deemed waived unless made in writing an y without limitation, business interruptions, yardinat, regardless of whether such claim	ent's exclusive remedy for any claim arising whether based in contract or tort, strain teamismus or we completed on the a cause whateover shall be deemed weived unless made in writing and received by Cartinal within 30 days after completion of the a quental damages, including without imitation, business interruptions, toss of use, or loss of profits incurred by claim, its subsidiaries, quental damages, including without imitation, business interruptions, toss of use, or loss of profits incurred by claim, its subsidiaries, or services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	completion of the applicable light, its subsidiaries, sons or otherwise.		d'I Phone #:
ce of	ed By:	CAND		Verbal Result: U Yes U No Add T Friorie #: All Results are emailed. Please provide Email address: REMARKS:	ide Email address:
Time:			3DAY TAT		n - t- i- factor Sample Condition
Delivered By: (Circle One) Observed Temp. *C3, 80	Sample Cor Cool Inta	tion CHECKED BY: (Initials)	Turnaround Time:	2	Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other: Corrected Temp. "C3, a C	3. a TYes Yes	10 SC	Correction Factor -0.5°C	me@cardinallabsnr	No Corrected Temp. °C
PORM-000 K 3.2 10/07/21	cannot accept verbal ch	Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	nges to celey.kee	ne@cardinallabsni	n.com



December 02, 2022

HADLIE GREEN ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD, NM 88220

RE: ROJO 26 OIL DUMP VALVE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 11/30/22 13:34.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



ENSOLUM HADLIE GREEN 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	11/30/2022	Sampling Date:	11/28/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	ROJO 26 OIL DUMP VALVE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	03C2012006	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA - LEA CO NM		

Sample ID: SS05 A (H225590-01)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	12/01/2022	ND	1.82	90.8	2.00	9.53	
Toluene*	<0.050	0.050	12/01/2022	ND	2.01	101	2.00	9.28	
Ethylbenzene*	<0.050	0.050	12/01/2022	ND	2.11	105	2.00	9.42	
Total Xylenes*	<0.150	0.150	12/01/2022	ND	6.37	106	6.00	9.10	
Total BTEX	<0.300	0.300	12/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	12/01/2022	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2022	ND	242	121	200	5.49	
DRO >C10-C28*	<10.0	10.0	12/01/2022	ND	252	126	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	12/01/2022	ND					
Surrogate: 1-Chlorooctane	93.9 % 45.3-16		1						
Surrogate: 1-Chlorooctadecane	103 9	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM HADLIE GREEN 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	11/30/2022	Sampling Date:	11/28/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	ROJO 26 OIL DUMP VALVE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	03C2012006	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA - LEA CO NM		

Sample ID: SS06 A (H225590-02)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2022	ND	1.82	90.8	2.00	9.53	
Toluene*	<0.050	0.050	12/01/2022	ND	2.01	101	2.00	9.28	
Ethylbenzene*	<0.050	0.050	12/01/2022	ND	2.11	105	2.00	9.42	
Total Xylenes*	<0.150	0.150	12/01/2022	ND	6.37	106	6.00	9.10	
Total BTEX	<0.300	0.300	12/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/01/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2022	ND	242	121	200	5.49	
DRO >C10-C28*	<10.0	10.0	12/01/2022	ND	252	126	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	12/01/2022	ND					
Surrogate: 1-Chlorooctane	103 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	110 9	46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM HADLIE GREEN 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	11/30/2022	Sampling Date:	11/28/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	ROJO 26 OIL DUMP VALVE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	03C2012006	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA - LEA CO NM		

Sample ID: SS07 A (H225590-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2022	ND	1.82	90.8	2.00	9.53	
Toluene*	<0.050	0.050	12/01/2022	ND	2.01	101	2.00	9.28	
Ethylbenzene*	<0.050	0.050	12/01/2022	ND	2.11	105	2.00	9.42	
Total Xylenes*	<0.150	0.150	12/01/2022	ND	6.37	106	6.00	9.10	
Total BTEX	<0.300	0.300	12/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/01/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2022	ND	242	121	200	5.49	
DRO >C10-C28*	<10.0	10.0	12/01/2022	ND	252	126	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	12/01/2022	ND					
Surrogate: 1-Chlorooctane	98.3	% 45.3-16	1						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM HADLIE GREEN 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	11/30/2022	Sampling Date:	11/28/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	ROJO 26 OIL DUMP VALVE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	03C2012006	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA - LEA CO NM		

Sample ID: SS08 A (H225590-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2022	ND	1.82	90.8	2.00	9.53	
Toluene*	<0.050	0.050	12/01/2022	ND	2.01	101	2.00	9.28	
Ethylbenzene*	<0.050	0.050	12/01/2022	ND	2.11	105	2.00	9.42	
Total Xylenes*	<0.150	0.150	12/01/2022	ND	6.37	106	6.00	9.10	
Total BTEX	<0.300	0.300	12/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/01/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2022	ND	242	121	200	5.49	
DRO >C10-C28*	<10.0	10.0	12/01/2022	ND	252	126	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	12/01/2022	ND					
Surrogate: 1-Chlorooctane	105 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116 9	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM HADLIE GREEN 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received:	11/30/2022	Sampling Date:	11/28/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	ROJO 26 OIL DUMP VALVE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	03C2012006	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA - LEA CO NM		

Sample ID: SS09 A (H225590-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2022	ND	1.82	90.8	2.00	9.53	
Toluene*	<0.050	0.050	12/01/2022	ND	2.01	101	2.00	9.28	
Ethylbenzene*	<0.050	0.050	12/01/2022	ND	2.11	105	2.00	9.42	
Total Xylenes*	<0.150	0.150	12/01/2022	ND	6.37	106	6.00	9.10	
Total BTEX	<0.300	0.300	12/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	12/01/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2022	ND	242	121	200	5.49	
DRO >C10-C28*	<10.0	10.0	12/01/2022	ND	252	126	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	12/01/2022	ND					
Surrogate: 1-Chlorooctane	106	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	114 9	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Received by OCD: 2/14/2023 12:27:55 PM

Project Manager: Company Name: City: Project #: 0362012006 Phone #: Address: Sampler Name: Project Location: Project Name: 120,0 Haa5590 FOR LAB USE ONLY PLEASE NOTE: Liability and Damages. Cardinal's liability analyses. All claims including those for negligence and any service. In no event shall Cardinal be liabilit for including service. In no event shall Cardinal be liability in the parton. Relinquished By Relinquished By: Lab I.D. Sampler - UPS - Bus - Other: Delivered By: (Circle One) WD L ſЛ a 472-55 W 5 aboratories 101 East Marland, Hobbs, NM 88240 ARDINAL (575) 393-2326 FAX (575) 393-2476 2000 1005 8055 1,055 S 2º 2 X 2 Sample I.D. 7-8845 Fax #: at. UNO and 26 0 to the pe C 0 wmp Corrected Temp. °C Observed Temp. °C Project Owner: State://M Zip: CAL 3 Time: 1334 Time: Date: 199123 -+ Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com Value es, including without I ver shall be deemed v X dy for any (G)RAB OR (C)OMP 4 30 Received By: Received By: # CONTAINERS 1 9 02288 Marver 0 GROUNDWATER luce WASTEWATER DUSINESS Cool Intact AYes Yes No No No of whether such claim is ba Sample Condition MATRIX SOIL in writing and received by Cardinal within 30 days after QIL SLUDGE ns, loss of use, or loss of profits i Fax #: City: Attn: Company: P.O. #: Phone #: State: / X Address: OTHER PRESERV. ACID/BASE mia upon any of the above ICE / COOL SOD BILL CHECKED BY: OTHER 32.7 (Initials) Zip: to the 11-28 10 DATE 0 SAMPLING à Vecus \$12-20 red by client, its subsidiaries, 0 paid by the client for the 1040 1140 completion of the applicable TIME All Results are emailed. Please provide Email address: 1200 1/00 120 Thermometer ID #113 Correction Factor -0.5°C Turnaround Time: REMARKS: Verbal Result: BTY Ves Standard Rush O No ANALYSIS REQUEST Add'l Phone #: Cool Intact Bacteria (only) Sample Condition Observed Temp. Corrected Temp. °C ĉ

Released to Imaging: 2/23/2023 2:48:05 PM



APPENDIX D

NMOCD Notifications

Released to Imaging: 2/23/2023 2:48:05 PM

Tacoma Morrissey

From:	Nobui, Jennifer, EMNRD <jennifer.nobui@emnrd.nm.gov></jennifer.nobui@emnrd.nm.gov>
Sent:	Thursday, November 10, 2022 9:34 AM
То:	Tacoma Morrissey
Cc:	Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD; Harimon, Jocelyn, EMNRD
Subject:	FW: [EXTERNAL] BTA-Extension Request - Rojo 26 Oil Dump Valve Failure(Incident Number nAPP2224256412)

[**EXTERNAL EMAIL**]

Tacoma

OCD approves your request for a 90-day extension to February 12, 2023 to submit a remediation plan/closure report to the OCD portal. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks, Jennifer Nobui

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Thursday, November 10, 2022 8:20 AM
To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>; Bratcher, Michael, EMNRD
<mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] BTA-Extension Request - Rojo 26 Oil Dump Valve Failure (Incident Number nAPP2224256412)

Jocelyn Harimon • Environmental Specialist Environmental Bureau EMNRD - Oil Conservation Division 1220 South St. Francis Drive | Santa Fe, NM 87505 (505)469-2821 | Jocelyn.Harimon@state.nm.us http:// www.emnrd.nm.gov



From: Tacoma Morrissey <<u>tmorrissey@ensolum.com</u>>
Sent: Thursday, November 10, 2022 8:17 AM
To: Enviro, OCD, EMNRD <<u>OCD.Enviro@emnrd.nm.gov</u>>
Cc: Bob Hall <<u>BHall@btaoil.com</u>>; Hadlie Green <<u>hgreen@ensolum.com</u>>
Subject: [EXTERNAL] BTA-Extension Request - Rojo 26 Oil Dump Valve Failure (Incident Number nAPP2224256412)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

All,

BTA is requesting an extension for the current deadline of November 14, 2022 for submitting a remediation work plan or closure request required in 19.15.29.12.B.(1) NMAC at the Rojo 26 Oil Dump Valve Failure (Incident Number nAPP2224256412). The release occurred on August 16, 2022. Initial assessment of the release has been completed and remediation is ongoing. In order to complete the remediation activities and submit a remediation work plan or closure request, BTA is requesting a 90-day extension until February 12, 2023.

Thank you,



Tacoma Morrissey Senior Geologist 337-257-8307 Ensolum, LLC in f ♥



APPENDIX E

Final C-141

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy Minerals and Natural Resources Department

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

Incident ID	nAPP2224256412
District RP	
Facility ID	fAPP2130123218
Application ID	

Release Notification

Responsible Party

Responsible Party: BTA Oil Producers, LLC	OGRID: 260297
Contact Name: Bob Hall	Contact Telephone: 432-682-3753
Contact email: bhall@btaoil.com	Incident # (assigned by OCD) nAPP2224256412
Contact mailing address: 104 S. Pecos St., Midland, TX 79701	

Location of Release Source

Latitude: 32.11026 Longitude: -103.55605

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Rojo 26 Oil Dump Valve Failure	Site Type: Tank Battery
Date Release Discovered: 8/16/2022	API# (if applicable) Nearest well:

Unit Letter	Section	Township	Range	County
0	22	255	33E	Lea

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)

Volume Released (bbls) 10 BBL	Volume Recovered (bbls) 8 BBL
Volume Released (bbls)	Volume Recovered (bbls)
Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Volume Released (bbls)	Volume Recovered (bbls)
Volume Released (Mcf)	Volume Recovered (Mcf)
Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
-	Volume Released (bbls) Is the concentration of dissolved chloride in the produced water >10,000 mg/l? Volume Released (bbls) Volume Released (Mcf)

Cause of Release

Oil Dump Controller Malfunction. Oil dump valve was replaced, and the snap controller did not seat properly causing oil to overflow from the Rojo #26H separator to the compressor catch tank. Catch tank overflowed for less than 30 minutes, releasing 10 BO onto the caliche well pad. Recovered 8 BO with vacuum truck. Spill volume calculation is included.

Page 2

Application ID

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 n	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

 \square The source of the release has been stopped.

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

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

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

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

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

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

Printed Name: Bob Hal	Title: Environmental Manager
-----------------------	------------------------------

Signature:	Bob Hall	
U		

email: bhall@btaoil.com

Telephone: 432-682-3753

OCD Only

Received by: _____

Date: _____

Date: 8/30/2022

Location Rojo 14Y-17H / Rojo 26 Oil Dump Valve Failure API # Spill Date 8/16/2022

Spill Dimensions

ENTER - Length of Spill ENTER - Width of Spill ENTER - Saturation Depth of Spill

ENTER - Porosity Facto

43	feet
43	feet
2	inches



BBL

BBL

99.99 0.01 0.9999

Oil Cut - Well Test / Vessel Throughput or Contents		
Oil		
Water		
Calculated Oil Cut		

Volume Recovered in Truck / Containment ENTER - Recovered Oil

ENTER - Recovered Water

Calculated Values

Release of Oil in Soil - Unrecovered Release of Water in Soil - Unrecovered Unrecovered Total Release

calculate	ed
	2 BBL
	0 BBL
	2 BBL

Calculated Values		
Total Release of Oil		
Total Release of Water		

Total Release of W Total Release

calculated	_
10	BBL
0	BBL
10	BBL

Types of Soil	Porosity Factor
Gravel	0.25
Sand	0.20
Clay/silt/sand Mix	0.15
Clay	0.05
Caliche	0.03
Unknown	0.25

(Length X Width X Depth X 1 ft/12 in) X Porosity 5.615 ft³ / BBL

Х

(or Water Cut)

Oil Cut

Rojo 14Y-17H Tank Battery Rojo 26 Oil Dump Valve Failure

8/16/2022



Received by OCD: 2/14/2023 12:27:55 PM Form C-141 State of New Mexico

Oil Conservation Division

	Page 51 of 5 4
Incident ID	nAPP2224256412
District RP	
Facility ID	fAPP2130123218
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>51-100</u> (ft bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🛛 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🛛 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🛛 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🛛 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🛛 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🛛 No
Did the release impact areas not on an exploration, development, production, or storage site?	🗌 Yes 🔀 No

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data

Page 3

- Data table of soil contaminant concentration data
- \square Depth to water determination
- Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release
- \boxtimes Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

ceived by OCD: 2/14/20	23 12:27:55 PM			Page 52 of
Form C-141	State of New N	Aexico	Incident ID	nAPP2224256412
Page 4	Oil Conservation	Division	District RP	
			Facility ID	fAPP2130123218
			Application ID	
failed to adequately invest	stigate and remediate contamination the of a C-141 report does not relieve the Hall	report by the OCD does not relieve the hat pose a threat to groundwater, surfance operator of responsibility for complex Title: _Environmental Mar Date:2 /14 /202 Telephone:432-682-37	ce water, human health iance with any other fe nager	a or the environment. In deral, state, or local laws
OCD Only Received by:J	ocelyn Harimon	Date:02/	/14/2023	

Received by OCD: 2/14/2023 12:27:55 PM

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Closure

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

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

A scaled site and sampling diagram as described in 19.15.29.11 NMAC

Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

Description of remediation activities

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

Printed Name:Bob Hall	Title:Environmental Manager
Signature: Bulifall	Date: 2/14/2023
email:bhall@btaoil.com	Telephone:432-682-3753
OCD Only	
Jocelyn Harimon	02/14/2023
Received by:	Date:
Closure approval by the OCD does not relieve the responsible party remediate contamination that poses a threat to groundwater, surface party of compliance with any other federal, state, or local laws and/	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for regulations.
Closure Approved by: <u>Jennifer Nobui</u> Printed Name: Jennifer Nobui	Date: 02/23/2023
Printed Name: Jennifer Nobui	Title: Environmental Specialist A

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:
BTA OIL PRODUCERS, LLC	260297
104 S Pecos	Action Number:
Midland, TX 79701	186036
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
jnobui	Closure Report Approved. Please implement 19.15.29.13 NMAC when completing P&A.	2/23/2023

CONDITIONS

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Action 186036