

November 12, 2018

Olivia Yu and Christina Hernandez

NMOCD District 1

1625 N. French Drive

Hobbs, New Mexico 88240

Re: Closure Report

Transfer line from Terrapin Frac Pond to Arabian 30-19 Fed Com 1H

NMOCD Reference #: 1RP-4871 & 1RP-5854

Ms. Olivia Yu and Ms. Christina Hernandez:

RXSoil, Inc. is pleased to submit the closure report summarizing the on-site remediation of treated produced water impacted soil for the above release, associated with the Arabian 30-19 Fed Com 1H site located in Lea County, New Mexico.

Sincerely,

Jace Caraway Chief Operating Officer RXSoil, Inc. (940) 210-2051 Zach Robbins
Technical and Engineering Analyst
RXSoil, Inc.
(210) 400-7645

Appendices

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3.	Water Column/Average Depth to Groundwater	
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I. Background

On behalf of Devon Energy Production Co LP and Swiftwater Energy Services ("Swiftwater"), RXSoil, Inc. ("RXSoil") has prepared this work plan that describes the assessment and corrective action plan for remediation of the release of 1RP-4871 associated with the Arabian 30-19 Fed Com 1H site with API #30-025-43176. The closure C-141 can be found as *Appendix 1*.

II. Regulatory Guidelines

Appendix 2 includes a 1,000-foot radius from the site showing no surface water within 1,000 feet of the release on the NM OCD Oil and Gas Map with Hydrology Layer. New Mexico Office of the State Engineer lists the nearest well approximately 1.45 miles west of the release location and lists a groundwater depth of 390' (see Appendix 3).

The closure criteria for soils impacted by a release with groundwater greater than 100 feet are **10** parts per million (ppm) benzene, **50** ppm combined benzene, toluene, ethyl benzene, and total xylenes (BTEX), **1,000** ppm GRO+DRO, **5,000** ppm total petroleum hydrocarbons (TPH) and **20,000** ppm chlorides. The reclamation must also include a minimum of four feet of soil with chloride concentrations less than **600** ppm.

III. Remediation Activities

The remediation of this release is being combined with the remediation of 1RP-4854. Impacted material from 1RP-4871 was excavated to a depth of 4' and replaced with clean material from an area adjacent to the affected area of 1RP-4854.

RXSoil's core process of on-site remediation is being used to address the contamination. This will be summarized in the Closure Report for 1RP-4854.

The spill area was excavated to a depth of 4'. Sidewall samples were collected every 50' and tested for chlorides to verify all contaminated material was removed. Two sidewall samples ("EX2" and EX10") tested above threshold. RXSoil could not continue excavation in those areas because of 811 instructions. At guidance of the BLM, material was scraped off the surface to alleviate growth. A sample map can be seen in *Appendix 4* with those results in a table in *Appendix 5*. All contaminated material was transported into treatment cells contained by 30-mil poly liner at the site of 1RP-4854.

A 20-mil poly liner was installed on the subsurface and walls of the area that was excavated. A drone image of this can be seen in *Appendix 6*.

Sidewall and bottom samples were taken for the contaminated area using a stainless-steel hand shovel. All tools were decontaminated before each sample, as specified in *Field Equipment Cleaning and Decontamination* (EPA, 2015). This includes wiping the equipment clean, water-rinsing the equipment, washing the equipment in detergent and water, and rinsing the equipment in water. Samples were temporarily transferred to a new plastic bag in the field. Once in a location safer for handling glass, the samples were transferred to glass jars, supplied by an approved laboratory. The threads on all jars were wiped clean to allow an air-tight seal. Samples were stored in a refrigerator before being placed on ice and transferred to a Cardinal Laboratory within an appropriate time period.

A composite sample was taken of the backfilled material and tested for agricultural analysis (CEC, SAR, ESP, anions and cations). These results can be found in *Appendix 7*. RXSoil will drill in the appropriate BLM seed mix in the spring. All third-party lab data can be found in *Appendix 8*.

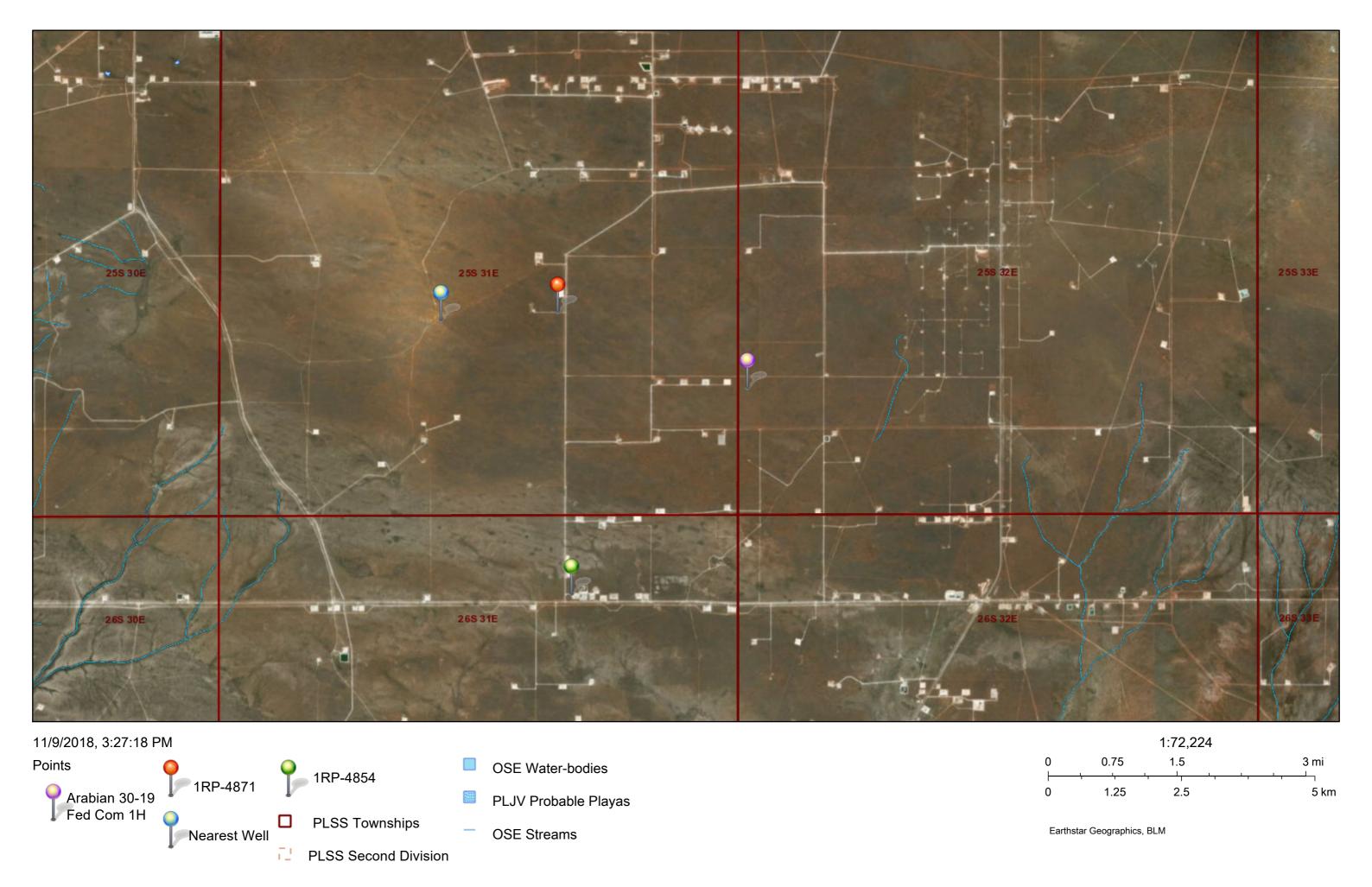
RXSoil, on behalf of Devon Energy Production Co LP and Swiftwater Energy Services, is requesting no further action for release 1RP-4871.

RXSoil, Inc. 201 Main St. Ste. 1360, Fort Worth, TX 76102

C-141, RELEASE NOTIFICATION AND CORRECTIVE ACTION DOCUMENT

Placeholder for C-141

APPENDIX 2 - OVERVIEW MAP



WATER COLUMN/AVERAGE DEPTH TO WATER



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is

closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD

Sub-QQQ Water

POD Number

basin County 64 16 4 Sec Tws Rng Code

X 614912 DistanceDepthWellDepthWater Column

C 02250

3 1 4 21 25S 31E

3553620*

Average Depth to Water: 390 feet

Minimum Depth:

390 feet

Maximum Depth:

390 feet

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 617222.69

Northing (Y): 3553727.86

Radius: 2500

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

7/2/18 11:20 AM

WATER COLUMN/ AVERAGE DEPTH TO

WATER



SIDEWALL TESTING SUMMARY TABLE

Sample	Sample	Sample	Analyzed	Lab ID Sample	Chloride			
Name	Туре	Date	Anaiyzed	Lab ID Sample	Field	M4500		
EX-1	Sidewall	9/17/2018	9/20/2018	H802633-01	144	48.0		
EX-2	Sidewall	9/17/2018	9/20/2018	H802633-02	836	768		
EX-3	Sidewall	9/17/2018	9/20/2018	H802633-03	224	208		
EX-4	Sidewall	9/17/2018	9/20/2018	H802633-04	608	560		
EX-5	Sidewall	9/17/2018	9/20/2018	H802633-05	292	272		
EX-6	Sidewall	9/17/2018	9/20/2018	H802633-06	ND	32.0		
EX-7	Sidewall	9/17/2018	9/20/2018	H802633-07	144	48.0		
EX-8	Sidewall	9/17/2018	9/20/2018	H802633-08	144	336		
EX-9	Sidewall	9/17/2018	9/20/2018	H802633-09	144	176		
EX-10	Sidewall	9/17/2018	9/20/2018	H802633-10	556	1580		
EX-11	Sidewall	9/17/2018	9/20/2018	H802633-11	556	432		
EX-12	Sidewall	9/17/2018	9/20/2018	H802633-12	ND	96.0		
EX-13	Sidewall	9/17/2018	9/20/2018	H802633-13	ND	48.0		
EX-14	Sidewall	9/17/2018	9/20/2018	H802633-14	ND	32.0		
EX-15	Sidewall	9/17/2018	9/20/2018	H802633-15	ND	32.0		
BS-01	Bottom	9/17/2018	9/20/2018	H802633-16	1360	1840		
BS-02	Bottom	9/17/2018	9/20/2018	H802633-17	1552	1820		
NMOCD T	hresholds	•			600			

BOLD results indicate results above thresholds

Green indicates special notes in Section III of the body

⁻ indicates tests were not ran

[&]quot;ND" indicates a non-detectable result, below testing limits

PROJECT PICTURES



Figure 1: The liner was installed on the bottom and sides of the excavated area (photo taken from SE of spill).



Figure 2: The liner was installed on the bottom and sides of the excavated area (photo taken from E of spill).

AGRICULTURAL ANALYSIS

Agricultural A	nalysis		
	Units	Backfill Composite	
Inorganic Compounds			
Alkalinity, Bicarbonate	mg/kg	976	
Alkalinity, Carbonate	mg/kg	<4.00	
Chloride	mg/kg	<16.0	
Conductivity	mg/kg	184	
рН	pH Units	8.26	
Sulfate	mg/kg	297	
Alkalinity, Total	mg/kg	800	
Saturated Paste Extraction			
Calcium	mg/L	128	
Magnesium	mg/L	12.5	
SAR	No Unit	0.34	
Sodium	mg/L	15.2	
Total Metals by ICP			
Calcium	mg/kg dry	21300	
Magnesium	mg/kg dry	859	
Potassium	mg/kg dry	872	
Sodium	mg/kg dry	11.4	
Sodium Saturation			
Cation Exchange Capacity	meq/100 g	7.33	
Exchangable Metals by ICP			
Exchangable Sodium Percentage	%	<1.00	
Sodium	mg/kg dry	5.00	

LAB DATA REPORTS

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APPENDIX 8.1

LAB DATA REPORTS

EXCAVATION SAMPLES



September 24, 2018

MATTHEW LONGCRIER
RX-SOIL INC.
201 MAIN STREET, SUITE 1360
FORT WORTH, TX 76102

RE: SWIFTWATER

Enclosed are the results of analyses for samples received by the laboratory on 09/19/18 9:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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/ga/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.

Celey D. Keine

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. Keene

Lab Director/Quality Manager



Analytical Results For:

RX-SOIL INC.
MATTHEW LONGCRIER
201 MAIN STREET, SUITE 1360
FORT WORTH TX, 76102

Fax To: NA

Received: 09/19/2018 Reported: 09/24/2018

09/24/2018 SWIFTWATER SWIFTWATER 3

Project Location: BAKER RANCH

Sampling Date: 09/17/2018

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: EX - 1 (H802633-01)

Project Name:

Project Number:

Chloride, SM4500Cl-B mg/kg Analyzed By: AC Reporting Limit Analyzed Method Blank BS % Recovery True Value OC RPD Oualifier Analyte Result Chloride 48.0 16.0 09/20/2018 ND 432 108 400 0.00

Sample ID: EX - 2 (H802633-02)

Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 768 16.0 09/20/2018 ND 432 108 400 0.00

Sample ID: EX - 3 (H802633-03)

Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 208 16.0 09/20/2018 400 0.00 ND 432 108

Sample ID: EX - 4 (H802633-04)

Chloride, SM4500Cl-B mg/kg Analyzed By: AC Reporting Limit Analyzed Method Blank BS True Value QC RPD Qualifier Analyte Result % Recovery Chloride 560 16.0 09/20/2018 ND 432 400 0.00 108

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

RX-SOIL INC. MATTHEW LONGCRIER 201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102 NA

Fax To:

Received: 09/19/2018 Sampling Date: 09/17/2018 Reported: 09/24/2018 Sampling Type: Soil

Project Name: **SWIFTWATER** Sampling Condition: ** (See Notes) Sample Received By: Tamara Oldaker Project Number: SWIFTWATER 3

Project Location: BAKER RANCH

Sample ID: EX -5 (H8026 Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	09/20/2018	ND	432	108	400	0.00	
Sample ID: EX - 6 (H8026	533-06)								
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
		16.0	09/20/2018	ND	432	108	400	0.00	
Chloride	32.0	16.0	09/20/2016	ND	132	100	100	0.00	
Sample ID: EX - 7 (H8026				d By: AC	132	100	100	0.00	
Sample ID: EX - 7 (H8026	533-07)				BS	% Recovery	True Value QC	RPD	Qualifier
Chloride Sample ID: EX - 7 (H8026 Chloride, SM4500Cl-B Analyte Chloride	533-07) mg	/kg	Analyze	d By: AC					Qualifier
Sample ID: EX - 7 (H8026 Chloride, SM4500CI-B	533-07) mg, Result 48.0	/kg Reporting Limit	Analyze Analyzed	d By: AC Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sample ID: EX - 7 (H8026 Chloride, SM4500Cl-B Analyte Chloride Sample ID: EX - 8 (H8026	533-07) mg, Result 48.0	Reporting Limit	Analyzed 09/20/2018	d By: AC Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sample ID: EX - 7 (H8026 Chloride, SM4500Cl-B Analyte Chloride	Result 48.0	Reporting Limit	Analyzed 09/20/2018	d By: AC Method Blank ND	BS	% Recovery	True Value QC	RPD	Qualifier

Sample ID: EX - 9 (H802633-09)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/20/2018	ND	432	108	400	0.00	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

RX-SOIL INC.
MATTHEW LONGCRIER
201 MAIN STREET, SUITE 1360
FORT WORTH TX, 76102
Fax To: NA

Received: 09/19/2018 Sampling Date: 09/17/2018
Reported: 09/24/2018 Sampling Type: Soil

Project Name: SWIFTWATER Sampling Condition: ** (See Notes)
Project Number: SWIFTWATER 3 Sample Received By: Tamara Oldaker

Project Location: BAKER RANCH

Sample ID: EX - 10 (H802	2633-10)								
Chloride, SM4500Cl-B	mg	mg/kg		d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1580	16.0	09/20/2018	ND	432	108	400	0.00	
Sample ID: EX - 11 (H802	2633-11)								
Chloride, SM4500Cl-B	ride, SM4500Cl-B mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	09/20/2018	ND	432	108	400	0.00	
Sample ID: EX - 12 (H802	2633-12)								
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed Method Blank		BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/20/2018	ND	432	108	400	0.00	

Sample ID: EX - 13 (H802633-13)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/20/2018	ND	432	108	400	0.00	

Sample ID: EX - 14 (H802633-14)

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	09/20/2018	ND	432	108	400	0.00	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

RX-SOIL INC.
MATTHEW LONGCRIER
201 MAIN STREET, SUITE 1360
FORT WORTH TX, 76102
Fax To: NA

Tax To.

Received: 09/19/2018 Sampling Date: 09/17/2018

Reported: 09/24/2018 Sampling Type: Soil

Project Name: SWIFTWATER Sampling Condition: ** (See Notes)
Project Number: SWIFTWATER 3 Sample Received By: Tamara Oldaker

Project Location: BAKER RANCH

Sample ID: EX - 15 (H802633-15)

Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 09/20/2018 400 32.0 16.0 ND 448 112 3.64

Sample ID: BS - 1 (H802633-16)

Chloride, SM4500Cl-B Analyzed By: AC mg/kg BS True Value QC RPD Analyte Result Reporting Limit Analyzed Method Blank Qualifier % Recovery 1840 16.0 09/20/2018 448 400 Chloride ND 112 3.64

Sample ID: BS - 2 (H802633-17)

Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 1820 09/20/2018 ND 400 16.0 448 112 3.64

Cardinal Laboratories *=Accredited Analyte

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Celey & Keens



Notes and Definitions

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

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Celey D. Keine

Marthy to

Time: 9;00

Date: Time:

Received By:

Phone Result: Fax Result: REMARKS:

□ Yes

□ No

Add'I Phone #: Add'I Fax #:

Relinquished By:

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

+ Cardinal cannot accept verbal channes Dlease fav written channes to 18781 202.2228

0

Sample Condition
Cool Intact
Yes Yes
No No

CHECKED BY: (Initials), 91



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name:	CXSo.		3/1/270	ANALYSIS REQUEST
Project Manager:	7	6	P.O. #:	
Address:			Company:	
City:	State:	Zip:	Attn:	
Phone #:	Fax #:		Address:	
Project #:	Project Owner:	3	City:	
Project Name:	いといれているとう		State: Zip:	
Project Location:			Phone #:	
Sampler Name:	Matthey Longine	•	Fax #:	5
FOR LAB USE ONLY	Ç	-	PRESERV. SAMPLING	de
Lab I.D.	Sample I.D.	AB OR (C)OMI NTAINERS UNDWATER TEWATER	ER : /BASE: COOL	Chlory
14802633	DX = 1	# C GR WA - SO OIL	OTI	
2	ر لار			
w	ITI X-W			
4	EX-7			
S	EX-S			
6	2 - x =			
4	Ex-7			
8	17 × 17			
4	戸メータ			
10	EX-10		7:1/80	
PLEASE NOTE: Liability and analyses. All claims including	PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable	any claim arising whether based in contract deemed waived unless made in writing an	t or tort, shall be limited to the amount paid by the clien d received by Cardinal within 30 days after completion	nt for the
service. In no event shall Car affiliates or successors arising	service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	without limitation, business interruptions, ardinal, regardless of whether such claim	loss of use, or loss of profits incurred by client, its subsist based upon any of the above stated reasons or other	sidiaries,
Relinquished By:	Date: 9/19	Received By:	Phone Result:	Result: ☐ Yes ☐ No Add'I Phone #:
	\		111111111111111111111111111111111111111	L 165

Page 8 of 8 **ARDINAL** aboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Relinquished By: Relinquished By: Sampler - UPS - Bus - Other: Delivered By: (Circle One) Natther, Time: 0 Date: 9/19 Date: Time: 200 Received By: Received By: Sample Condition
Cool Intact
Yes Yes
No No 0 CHECKED BY: (Initials) Phone Result: Fax Result: REMARKS: □ Yes □ □ No No Add'l Phone #: Add'l Fax #:

+ Pardinal rannot arrent verhal rhannee Bleace fav written rhannee to (875) 202_2226

APPENDIX 8.2

LAB DATA REPORTS

AGRICULTURAL ANALYSIS



October 22, 2018

MATTHEW LONGCRIER
RX-SOIL INC.
201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: SWIFTWATER

Enclosed are the results of analyses for samples received by the laboratory on 10/09/18 9:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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/ga/lab accred certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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. Keene

Lab Director/Quality Manager

Reported:

22-Oct-18 16:41



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

RX-SOIL INC.

201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102

Project: SWIFTWATER

Project Number: SWIFTWATER 3

Project Manager: MATTHEW LONGCRIER

Fax To: NA

Sample ID Laboratory ID Matrix Date Sampled Date Received

SW3 COMPOSITE BACKFILL H802867-01 Soil 03-Oct-18 00:00 09-Oct-18 09:30

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

RX-SOIL INC.

201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102

Project: SWIFTWATER

Project Number: SWIFTWATER 3

Project Manager: MATTHEW LONGCRIER

Fax To: NA

Reported: 22-Oct-18 16:41

SW3 COMPOSITE BACKFILL

H802867-01 (Soil)

Reporting

Analyte	Result	MDL	Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardi	nal Laborato	ories					
Inorganic Compounds										
Alkalinity, Bicarbonate	976		20.0	mg/kg	1	8092513	AC	15-Oct-18	310.1M	
Alkalinity, Carbonate	<4.00		4.00	mg/kg	1	8092513	AC	15-Oct-18	310.1M	
Chloride	<16.0		16.0	mg/kg	4	8100913	AC	11-Oct-18	4500-Cl-B	
Conductivity	184		1.00	uS/cm	1	8101119	AC	12-Oct-18	120.1	
pH*	8.26		0.100	pH Units	1	8100914	AC	09-Oct-18	9045	
Sulfate	297		25.0	mg/kg	2.5	8101501	AC	15-Oct-18	375.4	QM-0
Alkalinity, Total	800		4.00	mg/kg	1	8092513	AC	15-Oct-18	310.1M	
			Green Ana	alytical Labo	oratories					
Saturated Paste Extraction										
Calcium	128		0.100	mg/L	1	B810109	AES	12-Oct-18	EPA200.7	
Magnesium	12.5		0.100	mg/L	1	B810109	AES	12-Oct-18	EPA200.7	
SAR	0.34			No Unit	1	B810109	AES	12-Oct-18	Calculation	
Sodium	15.2		1.00	mg/L	1	B810109	AES	12-Oct-18	EPA200.7	
Total Metals by ICP										
Calcium	21300		100	mg/kg dry	100	B810125	AES	15-Oct-18	6010B	
Magnesium	859		100	mg/kg dry	100	B810125	AES	15-Oct-18	6010B	
Potassium	872		200	mg/kg dry	100	B810125	AES	15-Oct-18	6010B	
Sodium	11.4	10.3	200	mg/kg dry	100	B810125	AES	15-Oct-18	6010B	
Sodium Saturation										
Cation Exchange Capacity	7.33		0.04	meq/100 g	1	B810110	AES	16-Oct-18	USDA-60 19	
Exchangable Metals by ICP (A	Ammonium Acet	ate Extract	able - Solub							
Exchangable Sodium Percentage	<1.00		1.00	%	1	B810110	AES	16-Oct-18	USDA-60	
Sodium	5.00		1.00	mg/kg dry	1	B810110	AES	16-Oct-18	EPA200.7	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

RX-SOIL INC.

201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102

Project: SWIFTWATER

Project Number: SWIFTWATER 3

Project Manager: MATTHEW LONGCRIER

Fax To: NA

Reported: 22-Oct-18 16:41

SW3 COMPOSITE BACKFILL

H802867-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Celey D. Keine



Analytical Results For:

RX-SOIL INC.

201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102

Project: SWIFTWATER

Project Number: SWIFTWATER 3

Project Manager: MATTHEW LONGCRIER

Fax To: NA

Reported: 22-Oct-18 16:41

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 8092513 - 1:1 DI										
Blank (8092513-BLK1)				Prepared: 2	25-Sep-18 A	analyzed: 0	1-Oct-18			
Alkalinity, Carbonate	ND	1.00	mg/kg							
Alkalinity, Bicarbonate	5.00	5.00	mg/kg							
Alkalinity, Total	4.00	1.00	mg/kg							
LCS (8092513-BS1)				Prepared: 2	25-Sep-18 A	analyzed: 0	1-Oct-18			
Alkalinity, Carbonate	ND	1.00	mg/kg				80-120			
Alkalinity, Bicarbonate	122	5.00	mg/kg				80-120			
Alkalinity, Total	100	1.00	mg/kg	100		100	80-120			
LCS Dup (8092513-BSD1)				Prepared: 2	25-Sep-18 A	analyzed: 0	1-Oct-18			
Alkalinity, Carbonate	ND	1.00	mg/kg				80-120		20	
Alkalinity, Bicarbonate	127	5.00	mg/kg				80-120	4.02	20	
Alkalinity, Total	104	1.00	mg/kg	100		104	80-120	3.92	20	
Batch 8100913 - General Prep - Wet Chem										
Blank (8100913-BLK1)				Prepared &	: Analyzed:	09-Oct-18				
Chloride	ND	16.0	mg/kg							
LCS (8100913-BS1)				Prepared &	: Analyzed:	09-Oct-18				
Chloride	448	16.0	mg/kg	400		112	80-120			
LCS Dup (8100913-BSD1)				Prepared &	: Analyzed:	09-Oct-18				
Chloride	448	16.0	mg/kg	400		112	80-120	0.00	20	
Batch 8100914 - General Prep - Wet Chem										
LCS (8100914-BS1)				Prepared &	Analyzed:	09-Oct-18				
pH	7.05		pH Units	7.00		101	90-110			

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

RX-SOIL INC.

201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102

Project: SWIFTWATER

Project Number: SWIFTWATER 3

Project Manager: MATTHEW LONGCRIER

Fax To: NA

22-Oct-18 16:41

Reported:

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 8100914 - General Prep - Wet Chem										
Duplicate (8100914-DUP1)	Sour	се: Н802867	-01	Prepared &	analyzed:	09-Oct-18				
pH	8.28	0.100	pH Units		8.26			0.242	20	
Batch 8101119 - General Prep - Wet Chem										
LCS (8101119-BS1)				Prepared &	analyzed:	12-Oct-18				
Conductivity	514		uS/cm	500		103	80-120			
Duplicate (8101119-DUP1)	Sour	се: Н802867	-01	Prepared &	ե Analyzed:	12-Oct-18				
Conductivity	184	1.00	uS/cm		184			0.0544	20	
Batch 8101501 - General Prep - Wet Chem										
Blank (8101501-BLK1)				Prepared &	ե Analyzed:	15-Oct-18				
Sulfate	ND	10.0	mg/kg							
LCS (8101501-BS1)				Prepared &	ե Analyzed:	15-Oct-18				
Sulfate	20.4	10.0	mg/kg	20.0		102	80-120			
LCS Dup (8101501-BSD1)				Prepared & Analyzed: 15-Oct-18						
Sulfate	19.9	10.0	mg/kg	20.0		99.4	80-120	2.29	20	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

RX-SOIL INC.

201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102

Project: SWIFTWATER

Project Number: SWIFTWATER 3

Project Manager: MATTHEW LONGCRIER

Fax To: NA

Reported: 22-Oct-18 16:41

Saturated Paste Extraction - Quality Control

Green Analytical Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Ratch	R810109	_ Paste	Extract

Blank (B810109-BLK1)				Prepared & Analyzed: 12-Oct-18			
Calcium	ND	0.100	mg/L				
Sodium	ND	1.00	mg/L				
SAR	0.00		No Unit				
Magnesium	ND	0.100	mg/L				
Duplicate (B810109-DUP1)	Source	e: H802867	-01	Prepared & Analyzed: 12-Oct-18			
Duplicate (B810109-DUP1) Calcium	Sourc 99.1	ee: H802867	-01 mg/L	Prepared & Analyzed: 12-Oct-18	25.1	20	R1
			-	1 ,	25.1 24.0	20 20	R1 R1
Calcium	99.1	0.100	mg/L	128			

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Celey D. Keene, Lab Director/Quality Manager



%REC

Limits

RPD

1.27

1.03

1.01

0.464

20

20

20

Analytical Results For:

RX-SOIL INC.

LCS Dup (B810125-BSD1)

Calcium

Sodium

Potassium

Magnesium

Analyte

201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102

Project: SWIFTWATER

Project Number: SWIFTWATER 3

Spike

Level

800

324

2000

Source

Result

Prepared: 12-Oct-18 Analyzed: 15-Oct-18

100

96.5

97.7

80-120

80-120

80-120

%REC

Project Manager: MATTHEW LONGCRIER

Fax To: NA

Reported: 22-Oct-18 16:41

RPD

Limit

Notes

Total Metals by ICP - Quality Control

Green Analytical Laboratories

Units

Reporting

Limit

Result

416

804

313

1950

Blank (B810125-BLK1)				Prepared: 12-Oc	t-18 Analyzed: 1	5-Oct-18
Calcium	ND	100	mg/kg dry			
Sodium	ND	200	mg/kg dry			
Potassium	ND	200	mg/kg dry			
Magnesium	ND	100	mg/kg dry			
LCS (B810125-BS1)				Prepared: 12-Oc	t-18 Analyzed: 1	5-Oct-18
Sodium	316	200	mg/kg dry	324	97.5	80-120
Potassium	812	200	mg/kg dry	800	102	80-120
Magnesium	1960	100	mg/kg dry	2000	98.2	80-120
Calcium	422	100	mg/kg dry	400	105	80-120

100 mg/kg dry

200

200

mg/kg dry

mg/kg dry

mg/kg dry

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

RX-SOIL INC.

201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102

Project: SWIFTWATER

Project Number: SWIFTWATER 3

Spike

Project Manager: MATTHEW LONGCRIER

Fax To: NA

Reported: 22-Oct-18 16:41

RPD

Sodium Saturation - Quality Control

Green Analytical Laboratories

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch B810110 - Paste Extract										
Blank (B810110-BLK1)				Prepared: 1	12-Oct-18 A	analyzed: 10	6-Oct-18			

0.04 meq/100 g

Cation Exchange Capacity **Duplicate (B810110-DUP1)**

Cation Exchange Capacity

Source: H802867-01

ND

Reporting

Prepared: 12-Oct-18 Analyzed: 16-Oct-18

Source

8.83 0.04 meq/100 g

33 18.6 200

%REC

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%REC

Limits

RPD

18.2

6.67

Analytical Results For:

RX-SOIL INC.

Analyte

Sodium

Exchangable Sodium Percentage

201 MAIN STREET, SUITE 1360 FORT WORTH TX, 76102

Project: SWIFTWATER

Project Number: SWIFTWATER 3

Spike

Level

Source

Result

5.00

0.31

%REC

Project Manager: MATTHEW LONGCRIER

Fax To: NA

Reported: 22-Oct-18 16:41

RPD

Limit

20

20

Notes

Exchangable Metals by ICP (Ammonium Acetate Extractable - Soluble) - Quality Control

Green Analytical Laboratories

Units

Reporting

Limit

Result

6.00

0.29

Batch B810110 - Paste Extract					
Blank (B810110-BLK1)				Prepared: 12-Oct-18 Analyzed: 16-Oct-18	
Sodium	ND	1.00 m	ng/kg dry		
Exchangable Sodium Percentage	ND	1.00	%		
Duplicate (B810110-DUP1)	Source:	H802867-01	1	Prepared: 12-Oct-18 Analyzed: 16-Oct-18	

1.00 mg/kg dry

%

1.00

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Celey D. Keine



Notes and Definitions

R1 Duplicate sample RPD exceeded laboratory acceptance criteria. Sample(s) may be difficult to homogenize.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

ecovery.

J Estimated conentration. Analyte concentration between MDL and RL.

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

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Celeg D. Keine

Relinquished By:

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istes or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Phone Result:

Fax Result:

REMARKS:

☐ Yes

8 8 0

Add'l Phone #: Add'l Fax #:

Time: 9:30 Date: Time:

Received By:

Sample Condition

CHECKED BY:
(Initials)

Relinquished By:



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476 101 East Marland, Hobbs, NM 88240

Company Name:	PYC				8/1/70				ANAI YSIS RE	RECHEST	
Project Manager:			F	P.O. #:	The state of the s	en fortie en	1				
Address:			0	Company:	5						
City:	State:	Zip:	A	Attn:							
Phone #:	Fax #:		4	Address:						1 22	
Project #:	Project Owner:	•••	0	City:			·S				
Project Name:	Swittert		(0	State:	Zip:		ion				
Project Location:			77	Phone #:							
Sampler Name:			77	Fax #:			(c				
FOR LAB USE ONLY		<u>. </u>	MATRIX	PRESERV.	SAMPLING		₹ 5a				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER	WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	DATE	TIME	Routine anjons	,	-		
_	Sw3 Composite Boxful		7		10/3		1				
	71										
				6							
PLEASE NOTE: Liability an	PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the	ny claim arising whe	ther based in contract or	tort, shall be limited to	the amount paid by	the client for the					
analyses. All claims including	analyses. All claims industrial the control of the	feemed waived unle	ess made in writing and r	sceived by Cardinal wi	thin 30 days after cor	npletion of the ap	oplicable				

Cardinal cannot accont workal channes Dloace fav written channes to IETEI 202_2226 Cool Intact
☐ Yes ☐ Yes
☐ No ☐ No

Sampler - UPS - Bus - Other:

Delivered By: (Circle One)

Name of Company Devon Energy Production Co LP

Released to Imaging: 6/4/2021 10: FOY1730056854

Form C-141

Final Report

Revised April 3, 2017

<u>District I</u> 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**

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

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

Stephen Richards, Devon Completions Foreman

Release Notification and Corrective Action

Contact

OPERATOR

Address F	O BOX 25	U, Artesia, I	NIVI 882.	l I		Telephone I	NO. (575) 252-	-3/1/		
Facility Na	ne: Transfe	er line from	Terrapin	Frac Pond to		Facility Typ	e Oil well	_	·	
Arabian 30-	19 Fed Cor	m 2H								
G 6 6	~ .	/E 1 1		1.6.		G			4 57 37	20.025.4255
Surface Ow	ner: State	/ Federal		Mineral C	wner:	State / Fe	deral		API No	. 30-025-43773
				LOCA	TIO	N OF RE	LEASE			
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	East/V	Vest Line	County
M	2	26S	31E	407		RTH	46		EST EME	LEA
			T /	. 1 22 06726	1 37 7	· 1 10	2 7 7 7 7 7 1 N N N	D02		
			Lat	itude 32.06726	I N LO	ngituae -10	3.131211 W INF	AD83		
				NAT	URE	OF REL	EASE			
Type of Rele	ase: Treate	d Produced V	Vater	· · · · · · · · · · · · · · · · · · ·			Release: 281 bb	ls	Volume R	Recovered: 145 bbls
31										
Source of Re	lease: Lay	Flat Transfer	Line			Date and H	Iour of Occurrence	e:		Hour of Discovery
TT. 7							017, 9:45 AM		10/10/2	017, 9:45 AM
Was Immedia	ate Notice G		l Vas □	l No. □ N-4 D	ania- J	If YES, To		Ol::- '	V., D:-4 1	
			i es _	No Not Re	equired			Shelly	Yu, Dist. 1 Tucker	
By Whom?						Date and F		Shelly	1 denei	
	ke Shoemak	er, EHS Prof	essional			2 and and 1		10/11/1	7, 9:15 AN	Л
									17, 9:45 AN	M
Was a Water	course Reac			_		If YES, Vo	olume Impacting t	he Wate	ercourse.	
			Yes 🗵	No			NA			
If a Watercou	ırse was Imr	acted. Descr	ibe Fully.	* N.	A	1	RI	ECEN	VED	
		,					Bv	Olivi	a Yu at	3:45 pm, Oct 27, 2017
Describe Cause of Problem and Remedial Action Taken.*										
While transferring treated produced water from the Terrapin Frac Pond to the Arabian 30-19 Fed Com #2H, the booster pump over pressured and the lay flat hose ruptured, releasing produced water on the ground. The pump was shut down and the hose was repaired.										
flat hose rupt	ured, releasi	ng produced	water on t	the ground. The p	ump wa	is shut down	and the hose was	repaired	•	
Describe Are	a Affactad a	and Cleanup	Action Tal	zon *						
Describe Are	a Affecteu a	ind Cicanup A	ACTION T ar	CII.						
The spill affe	cted approx	imately 10,24	14 square i	feet (1711 cubic fe	eet) runr	ning south the	en east of the rupt	ure poin	t located ap	oproximately at 32.067261 N,
										barrels of treated produced
water was sp	illed and 145	5 barrels were	e recovere	d. A remediation	contract	tor will be co	ntacted to assist v	vith the o	delineation	and remediation efforts.
71 1		<u> </u>							1.1	Wilder I
										eases which may endanger
										eve the operator of liability
										r, surface water, human health
										ompliance with any other
federal, state	, or local law	vs and/or regu	ılations.							
							OIL CON	SERV	ATION	DIVISION
	<u> </u>	//							_	
Signature:	Denise .	Menoud	•						A	1 /
						Approved by	Environmental S	pecialist	: <i>U</i>	
Printed Name	e: Denise M	1enoud								U
							10/27/201	17		
Title: Admi	n Field Supp	ort				Approval Da	te: 10/21/20	' I	Expiration 1	Date:
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E-mail Addre	ess: denise.	menoud@dv	n.com			Conditions of				Attached 💆
Data: 10/13	2/2017	Phone: (575\746	5544		see atta	iched directi	ve		
Date: 10/13 * Attach Addi).)44						1
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1RP-4854

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Operator/Responsible Party,

The OCD has received the form C-141 you provided on _10/24/2017_ regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number _1RP-4854__ has been assigned. Please refer to this case number in all future correspondence.

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

The responsible person shall complete <u>division-approved corrective action</u> for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC. [emphasis added]

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District _1_ office in __Hobbs____ on or before _11/27/2017_. If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

- Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.
- Vertical delineation of soil impacts. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. As above, this is not an exclusive list of potential contaminants and can be modified. Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below these values must be demonstrated as existing above the water table.
- Nominal detection limits for field and laboratory analyses must be provided.
- Composite sampling is not generally allowed.
- Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted

for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

- •Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.
- If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.
- Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.

Jim Griswold

OCD Environmental Bureau Chief 1220 South St. Francis Drive Santa Fe, New Mexico 87505 505-476-3465 jim.griswold@state.nm.us



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

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

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

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

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

COMMENTS

Action 8599

COMMENTS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
	Action Number:
Oklahoma City, OK 73102	8599
	Action Type:
	[C-141] Release Corrective Action (C-141)

COMMENTS

Created By	Comment	Comment Date
kcollins	Approved closure under older C-141 form, not exactly correct, but sufficient for purpose of closure.	6/4/2021

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CONDITIONS

Action 8599

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	8599
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
kcollins	None	6/4/2021