

Basin Environmental Service Technologies, LLC

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REMEDIATION SUMMARY AND SITE CLOSURE REQUEST

**BOPCO, LP
POKER LAKE UNIT #129
Eddy County, New Mexico
Unit Letter "H" (SE/NE), Section 20, Township 24 South, Range 31 East
Latitude 32.204440° North, Longitude 103.793891° West
NMOCD Reference #2RP-2128**

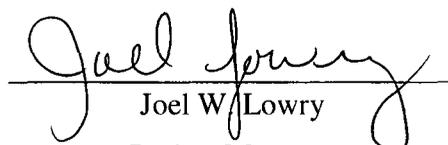
Prepared For:

**BOPCO, LP
522 W. Mermod, Suite 704
Carlsbad, New Mexico 88220**

Prepared By:

**Basin Environmental Service Technologies, LLC
3100 Plains Highway
Lovington, New Mexico 88260**

May 2014


Joel W. Lowry
Project Manager

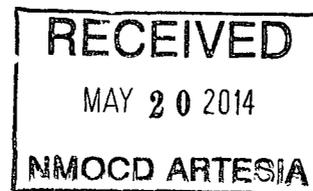


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1.0 INTRODUCTION & BACKGROUND INFORMATION

Basin Environmental Service Technologies, LLC (Basin), on behalf of BOPCO, LP (BOPCO), has prepared this *Remediation Summary and Site Closure Request* for the release site known as Poker Lake Unit #129 (PLU #129). The legal description of the release site is Unit Letter "H" (SE/NE), Section 20, Township 24 South, Range 31 East, in Eddy County, New Mexico. The geographic coordinates of the release site are 32.204440° North latitude and 103.793891° West longitude. The property affected by the release is owned by the United States Department of the Interior - Bureau of Land Management (BLM). A "Site Location Map" is provided as Figure 1.

On December 16, 2013, BOPCO discovered a release had occurred on the PLU #129 flow line. The release was attributed to the failure of a collar connection, resulting in the release of approximately two barrels (2 bbls) of crude oil and thirty-eight (38 bbls) of produced water. The New Mexico Oil Conservation Division (NMOCD)-Artesia District Office was notified of the release immediately upon discovery. The "Release Notification and Corrective Action" (Form C-141) indicated approximately 1,950 ft² of pasture was affected by the release. During initial response activities, the well was shut in and a vacuum truck was used to recover approximately one barrel (1 bbl) of crude oil and twenty-nine barrels (29 bbls) of produced water. The affected segment of pipe has since been replaced. The Form C-141 is provided as Appendix A. General photographs of the release site are provided as Appendix B.

On December 18, 2013, upon receiving permission from the BLM to access the pasture, heavily saturated material was excavated and stockpiled on the adjacent well pad, pending final disposition.

2.0 NMOCD SITE CLASSIFICATION

A search of the New Mexico Water Rights Reporting System (NMWRRS) database maintained by the New Mexico Office of the State Engineer (NMOSE) indicated information was unavailable for Section 20, Township 24 South, Range 31 East. A depth to groundwater reference map utilized by the NMOCD indicates groundwater should be encountered at approximately three hundred and twenty-five feet (325') below ground surface (bgs). Based on the NMOCD ranking system, zero (0) points will be assigned to the site as a result of this criterion.

A search of the NMWRRS database indicated there are no water wells within 1,000 feet of the release. Based on the NMOCD ranking system, zero (0) points will be assigned to the site as a result of this criterion.

There are no surface water bodies within 1,000 feet of the release. Based on the NMOCD ranking system, zero (0) points will be assigned to the site as a result of this criterion.

NMOCD guidelines indicate the PLU #129 release site has an initial ranking score of zero (0) points. The soil remediation levels for a site with a ranking score of zero (0) points are as follows:

- Benzene – 10 mg/Kg (ppm)
- Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) – 50 mg/Kg (ppm)
- Total Petroleum Hydrocarbons (TPH) – 5,000 mg/Kg (ppm)

The New Mexico Administrative Code (NMAC) does not currently specify a remediation level for chloride concentrations in soil. Chloride remediation levels are set by the NMOCD on a site-specific basis.

3.0 SUMMARY OF SOIL REMEDIATION ACTIVITIES

On March 4, 2014, Basin began excavating impacted soil at the release site. The floor and sidewalls of the excavation were advanced until field tests suggested concentrations of BTEX, TPH and chloride were below NMOCD regulatory standards. Excavated soil was stockpiled on-site, pending final disposition.

On March 7, 2014, one (1) confirmation soil sample (Sec. B @ 1') was collected from the excavated area and submitted to the laboratory for analysis of chloride concentrations. Laboratory analytical results indicated the chloride concentration was 320 ppm. A summary of "Concentrations of Benzene, BTEX, TPH and Chloride in Soil" is provided in Table 1. A "Site and Sample Location Map" is provided as Figure 2. Laboratory analytical reports are provided as Appendix C.

On March 8, 2014, two (2) confirmation soil samples (Floor #1 @ 14' and Floor #2 @ 9') were collected from the floor of the excavation and submitted to the laboratory for analysis of TPH and chloride concentrations. Laboratory analytical results indicated TPH concentrations ranged from less than the laboratory method detection limit (MDL) for soil sample Floor #1 @ 14' to 57.6 ppm for soil sample Floor #2 @ 9'. Chloride concentrations ranged from 464 ppm for soil sample Floor #1 @ 14' to 624 ppm for soil sample Floor #2 @ 9'. The excavation was advanced toward the west.

On March 17, 2014, four (4) confirmation soil samples (Sec. A NSW, Sec. A SSW, Sec. B NSW and Sec. B SSW) were collected from the excavation sidewalls and submitted to the laboratory for analysis of chloride concentrations. Laboratory analytical results indicated chloride concentrations ranged from 32.0 ppm for soil sample Sec. B NSW to 320 ppm for soil sample Sec. A NSW. The excavation was advanced toward the west.

On March 22, 2014, five (5) confirmation soil samples (ESW, Sec. C NSW, Sec. C SSW, Sec. C WSW #1 and Sec. C WSW #2) were collected from the excavation sidewalls and submitted to the laboratory for analysis of chloride concentrations. Laboratory analytical results indicated chloride concentrations ranged from less than the laboratory MDL for soil samples Sec. C WSW #1 and Sec. C WSW #2 to 64.0 ppm for soil samples ESW and Sec. C NSW.

Between March 9 and 22, 2014, approximately one thousand, four hundred and sixty cubic yards (1,460 yd³) of impacted material was transported to Lea Land, Inc. (NMOCD Permit #WM-01-035) for disposal.

The final dimensions of the excavation were approximately fifteen (15) to forty feet (40') in width, one hundred and twenty feet (120') in length and one (1) to fourteen feet (14') in depth. Upon receiving laboratory analytical data from confirmation soil samples, the excavated area was backfilled with locally purchased, non-impacted soil. Following backfilling, areas affected by the remediation activities were compacted and contoured to match the surrounding topography.

The site will be reseeded with a BLM-approved seed mixture at a time more conducive to germination.

4.0 QA/QC PROCEDURES

4.1 Soil Sampling

Soil samples were delivered to Cardinal Laboratories, Inc., in Hobbs, New Mexico, for BTEX, TPH and/or chloride analyses using the methods described below:

- BTEX concentrations in accordance with EPA Method SW-846 8021b
- TPH concentrations in accordance with EPA Method SW-846 8015M
- Chloride concentrations in accordance with EPA Method 4500 Cl-B

4.2 Decontamination of Equipment

Cleaning of the sampling equipment was the responsibility of the environmental technician. Prior to use, and between each sample, the sampling equipment was cleaned with Liqui-Nox® detergent and rinsed with distilled water.

4.3 Laboratory Protocol

The laboratory was responsible for proper QA/QC procedures after signing the chain-of-custody form(s). These procedures were either transmitted with the laboratory reports or are on file at the laboratory.

5.0 SITE CLOSURE REQUEST

Confirmation soil samples collected from the floor and sidewalls of the PLU #129 excavation were analyzed by an NMOCD-approved laboratory, which determined concentrations of BTEX, TPH and chloride were less than NMOCD regulatory standards in each of the submitted soil samples. Based on these laboratory analytical results, Basin recommends BOPCO provide the NMOCD-Artesia District Office and the BLM a copy of this *Remediation Summary and Site Closure Request* and request the NMOCD grant site closure to the PLU #129 release site.

6.0 LIMITATIONS

Basin Environmental Service Technologies, LLC, has prepared this *Remediation Summary and Site Closure Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. Basin has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Basin has not conducted an independent examination of the facts contained in referenced materials and statements. Basin has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Basin has prepared this report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Basin notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of BOPCO, LP. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of Basin Environmental Service Technologies, LLC, and/or BOPCO, LP.

7.0 DISTRIBUTION:

Copy 1: Mike Bratcher
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division (District 2)
1301 E. Grand Avenue
Artesia, NM 88210

Copy 2: James Amos
Bureau of Land Management
602 E. Greene Street
Carlsbad, New Mexico 88220

Copy 3: Tony Savoie
BOPCO, LP
522 W. Mermod, Suite 704
Carlsbad, NM 88220

Copy 4: Basin Environmental Service Technologies, LLC
P.O. Box 301
Lovington, NM 88260

FIGURES

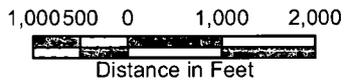
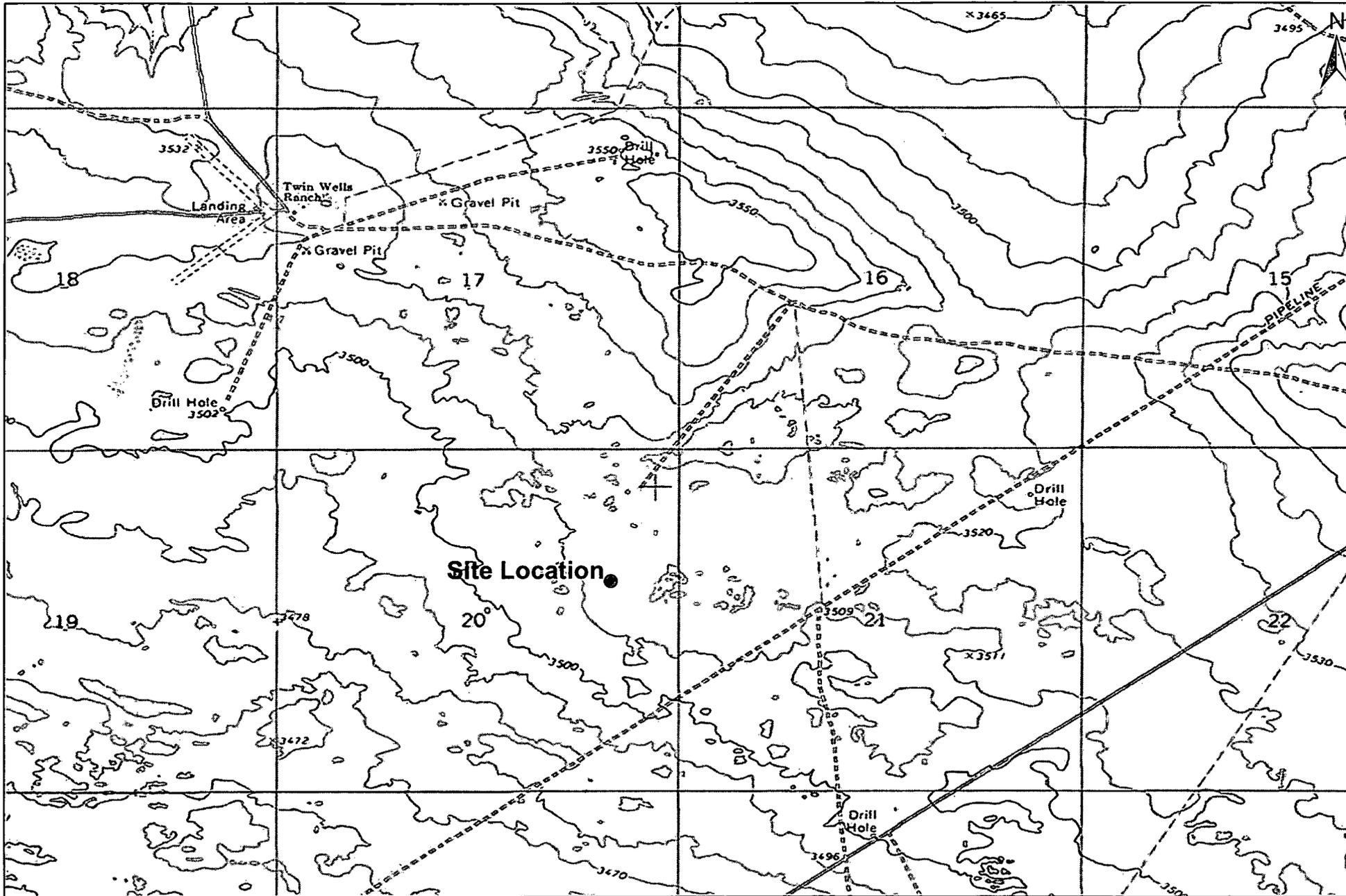
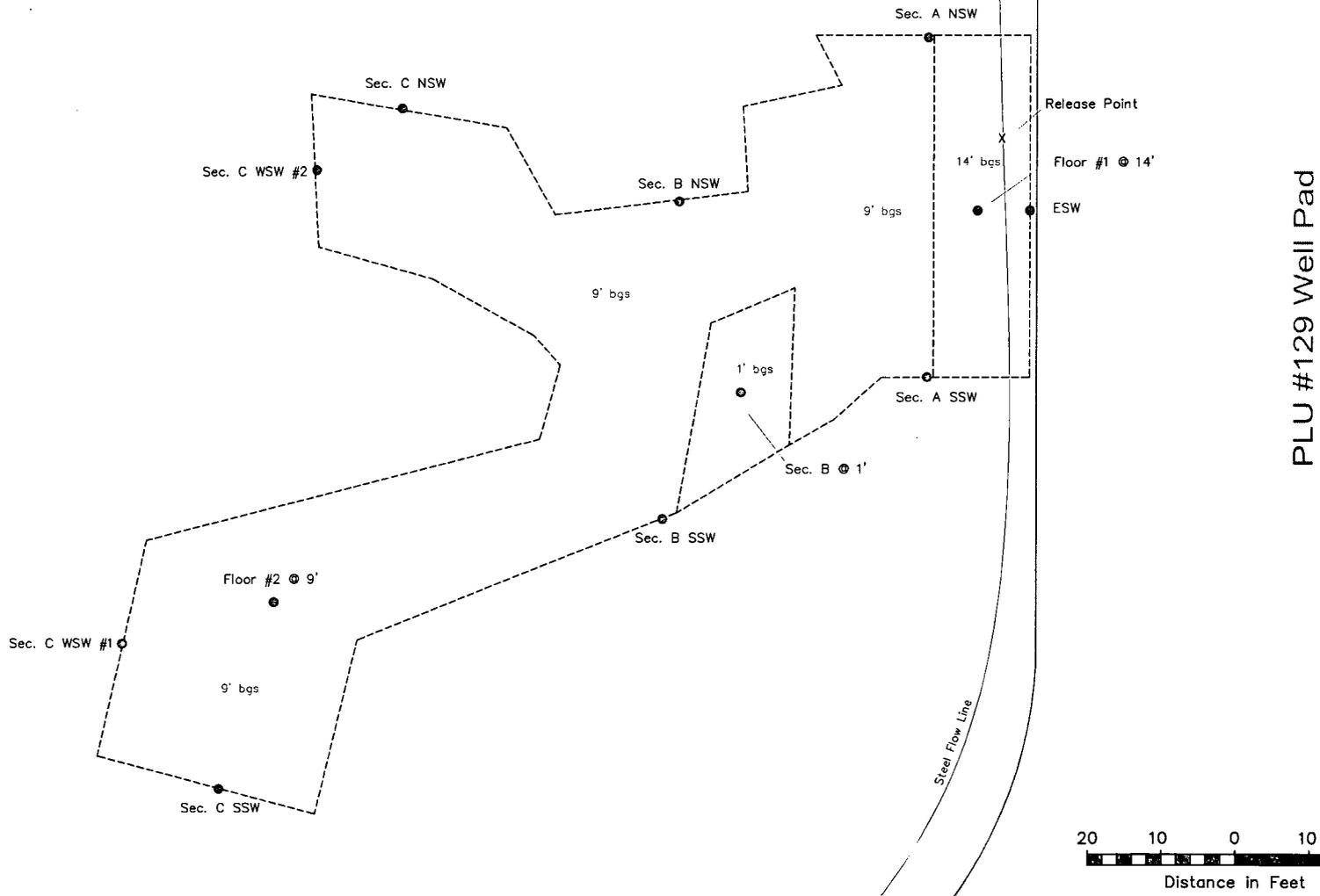


Figure 1
Site Location Map
BOPCO, LP
PLU #129
Eddy County, New Mexico
NMOCD Reference #: 2RP-2128

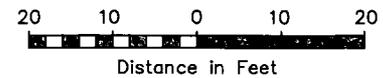


Basin Environmental Service Technologies, LLC
 3100 Plains Hwy.
 Lovington, NM 88260

Drawn By: BJA	Checked By: BRB
April 16, 2014	Scale: 1" = 2,000'



PLU #129 Well Pad



Legend:

- Excavation Extent
- Caliche Well Pad
- Pipeline
- Sample Location

Figure 2
 Site & Sample Location Map
 BOPCO, L.P.
 Poker Lake Unit #129
 Eddy County, New Mexico

Basin Environmental Services

Prep By: JWL	Checked By: BJA
April 24, 2014	Scale 1"=20'

TABLES

0

**TABLE 1
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL**

**BOPCO, LP
PLU #129
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: 2RP-2128**

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	METHOD: EPA SW 846-8021B, 5030					METHOD: 8015M			TOTAL TPH C ₆ -C ₃₅ (mg/Kg)	4500 Cl-B CHLORIDE (mg/Kg)	
				BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C ₆ -C ₁₂ (mg/Kg)	DRO C ₁₂ -C ₂₈ (mg/Kg)	ORO C ₂₈ -C ₃₅ (mg/Kg)			
Sec. B @ 1'	1'	4/7/2014	In-Situ	-	-	-	-	-	-	-	-	-	-	320
Floor #1 @ 14'	14'	4/8/2014	In-Situ	-	-	-	-	-	<10.0	<10.0	<10.0	<10.0	-	464
Floor #2 @ 9'	9'	4/8/2014	In-Situ	-	-	-	-	-	<10.0	57.6	<10.0	57.6	-	624
Sec. A NSW	7'	4/17/2014	In-Situ	-	-	-	-	-	-	-	-	-	-	320
Sec. A SSW	7'	4/17/2014	In-Situ	-	-	-	-	-	-	-	-	-	-	160
Sec. B NSW	7'	4/17/2014	In-Situ	-	-	-	-	-	-	-	-	-	-	32.0
Sec. B SSW	7'	4/17/2014	In-Situ	-	-	-	-	-	-	-	-	-	-	96.0
ESW	7'	4/22/2014	In-Situ	-	-	-	-	-	-	-	-	-	-	64.0
Sec. C NSW	7'	4/22/2014	In-Situ	-	-	-	-	-	-	-	-	-	-	64.0
Sec. C SSW	7'	4/22/2014	In-Situ	-	-	-	-	-	-	-	-	-	-	32.0
Sec. C WSW #1	7'	4/22/2014	In-Situ	-	-	-	-	-	-	-	-	-	-	<16.0
Sec. C. WSW #2	7'	4/22/2014	In-Situ	-	-	-	-	-	-	-	-	-	-	<16.0
NMOCD Criteria				10				50				5,000		1,000

- = Not analyzed.

APPENDICES

Appendix A
Release Notification and Corrective Action
(Form 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

Form C-141
Revised August 8, 2011

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

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

Release Notification and Corrective Action

TJMW 400241816

OPERATOR

Initial Report Final Report

Name of Company: BOPCO, L.P. <i>260737</i>	Contact: Tony Savoie
Address: 522 W. Mermod, Suite 704 Carlsbad, N.M. 88220	Telephone No. 575-887-7329
Facility Name: PLU-129	Facility Type: Exploration and Production
Surface Owner: Federal	Mineral Owner: Federal
API No. 30-015-29552	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	20	24S	31E	1980	North	660	East	Eddy

Latitude N 32.204440 Longitude W 103.793891

NATURE OF RELEASE

Type of Release: Crude oil and produced water	Volume of Release: 2 bbls crude oil and 38 bbls produced water. 40 bbls total fluid	Volume Recovered: 1 bbl crude oil and 29 bbls produced water. 30 bbls total fluid
Source of Release: 2 7/8" flow line	Date and Hour of Occurrence: <u>12/16/18</u> time unknown	Date and Hour of Discovery: <u>12/16/18</u> at 5:00 p.m.
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? NMOCD emergency #104 and BLM	
By Whom? Tony Savoie	Date and Hour: 12/17/18 at 9:58 a.m.	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse	

RECEIVED
DEC 19 2013
NMOCD ARTESIA

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
The flow line developed a leak at a collar connection. The well was shut in, a vacuum truck was used to pull the fluid out of the line and pick up the free standing fluid. The section of pipe was scheduled to be replaced on 12/17/13.

Describe Area Affected and Cleanup Action Taken.*
The spill impacted approximately 1,950 square feet of pasture, a crew was dispatched to the site to gather information for one-call clearance and BLM arch. clearance. A crew started removing the heavily saturated soil at 9 a.m. 12/18/13 after receiving permission from the BLM to access the site. The spill will be cleaned up in accordance to the NMOCD and BLM guidelines for spill remediation.

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

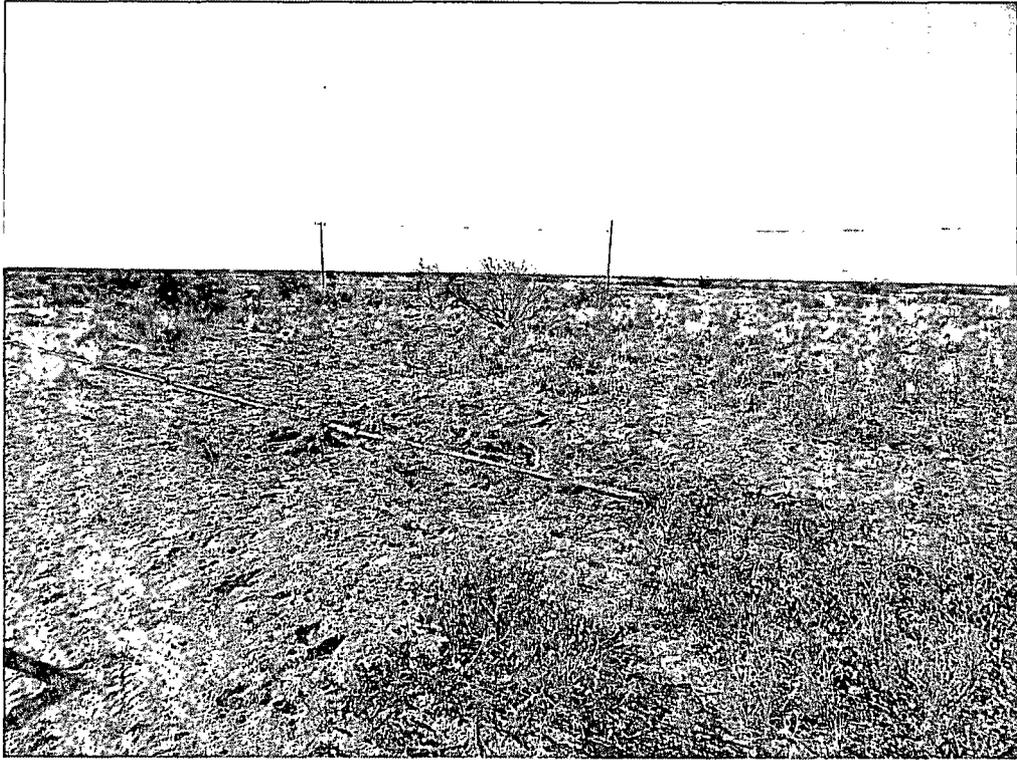
Signature: <i>Tony Savoie</i>	OIL CONSERVATION DIVISION	
Printed Name: Tony Savoie	Approved by Environmental Specialist	Signed By <i>Mike Brannon</i>
Title: Waste Management and Remediation Specialist	Approval Date: JAN 02 2014	Expiration Date:
E-mail Address: <i>tasavoie@basspet.com</i>	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 12/18/13	Phone: 432-556-8730	

Remediation per OCD Rule & Guidelines, & like approval by BLM. **SUBMIT REMEDIATION PROPOSAL NO LATER THAN: Feb. 2, 2014**

2RP-2128

* Attach Additional Sheets If Necessary

Appendix B
Photographs



Photograph of the initial release at the PLU #129 Release Site.



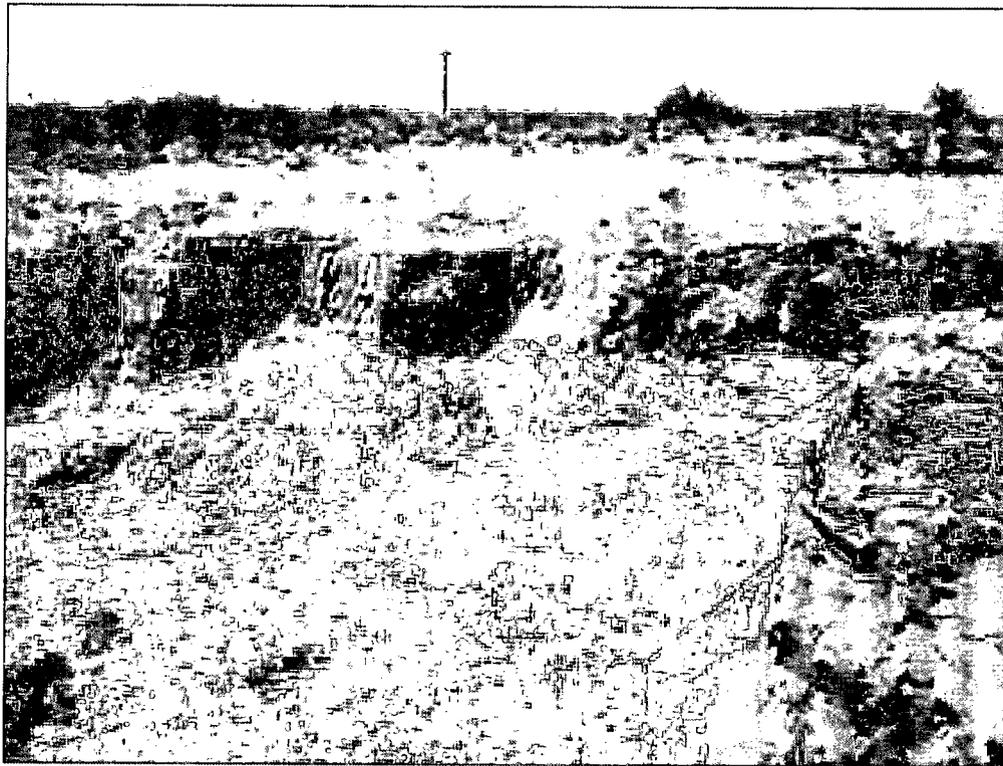
Photograph of the initial release at the PLU #129 Release Site.



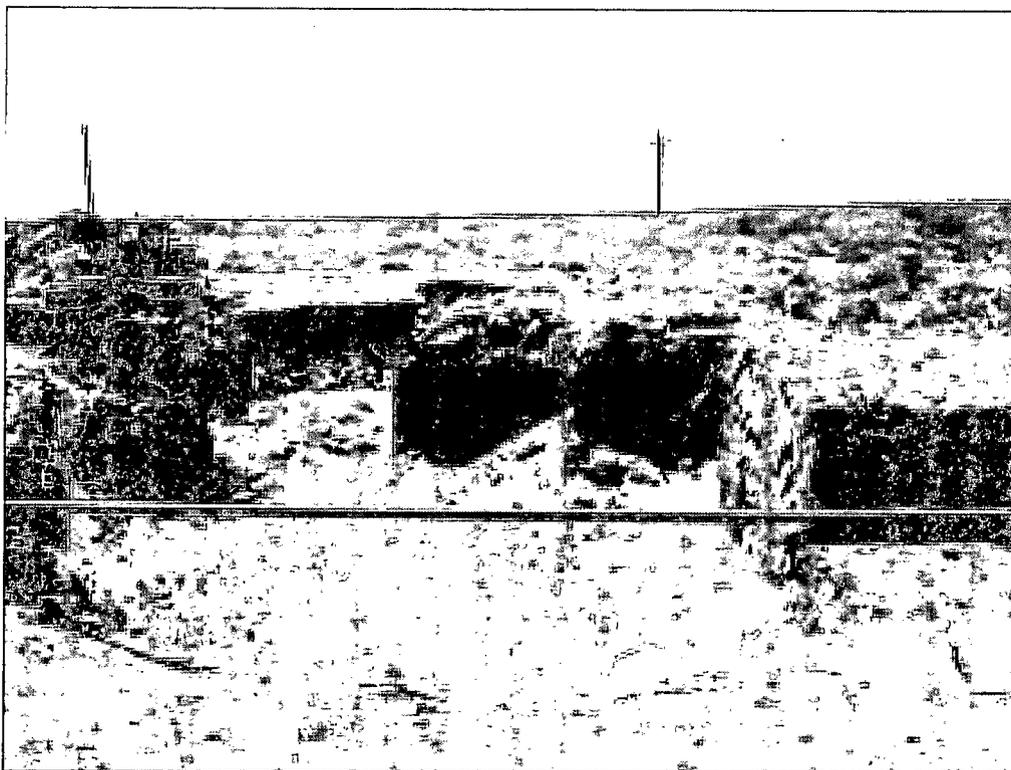
Photograph of the initial release at the PLU #129 Release Site.



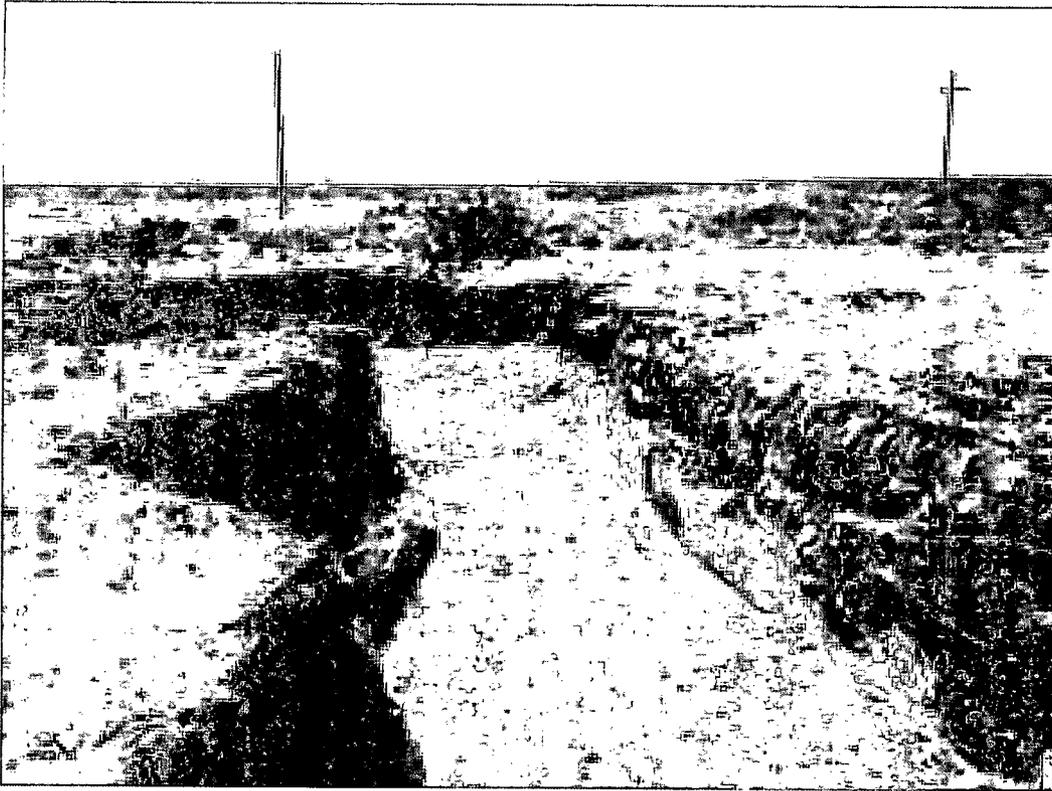
Photograph of excavation activities at the PLU #129 Release Site.



Photograph of the excavated area at the PLU #129 Release Site.



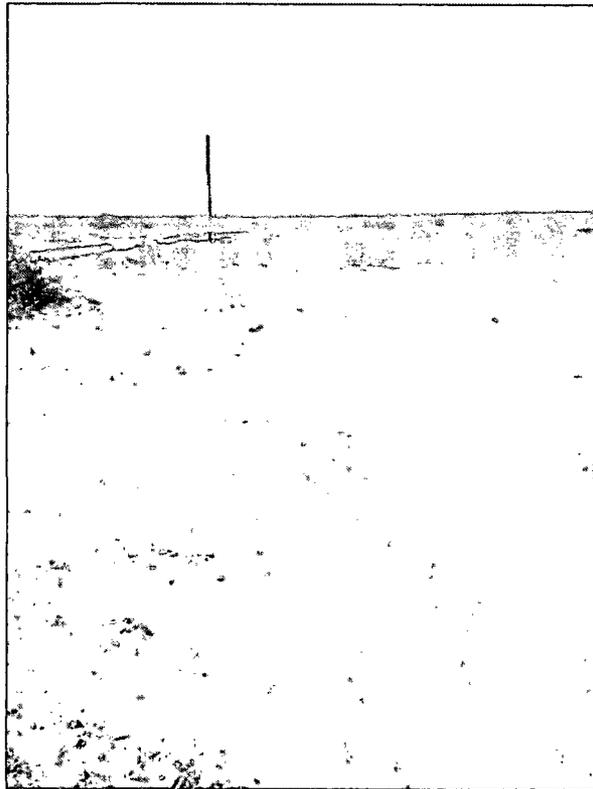
Photograph of the excavated area at the PLU #129 Release Site.



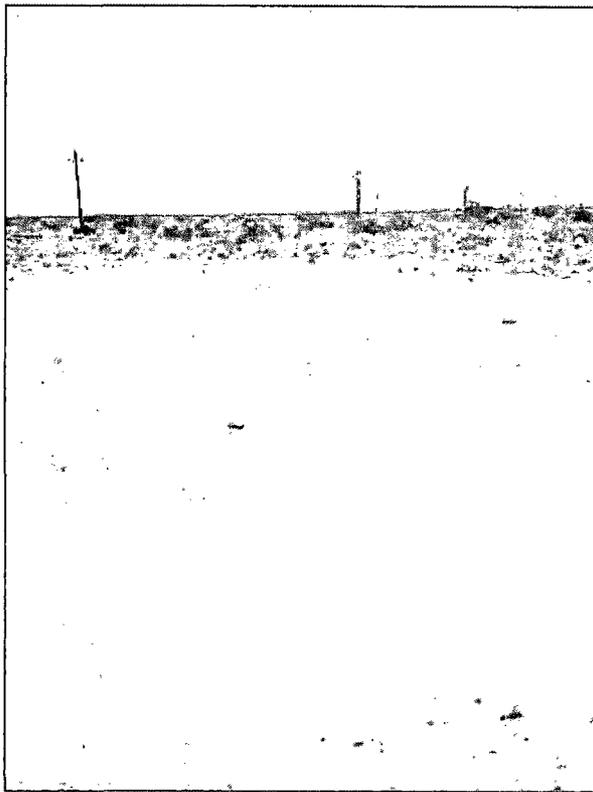
Photograph of the excavated area at the PLU #129 Release Site.



Photograph of backfilling activities at the PLU #129 Release Site.



Photograph of the PLU #129 Release Site after remediation activities.



Photograph of the PLU #129 Release Site after remediation activities.

Appendix C
Laboratory Analytical Reports

April 15, 2014

JOEL LOWRY

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: PLU #129

Enclosed are the results of analyses for samples received by the laboratory on 04/09/14 10:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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 accredited 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. Keene

Lab Director/Quality Manager

Analytical Results For:

 Basin Environmental Service
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received:	04/09/2014	Sampling Date:	04/08/2014
Reported:	04/15/2014	Sampling Type:	Soil
Project Name:	PLU #129	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: FLOOR #1 @ 14' (H401070-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	04/15/2014	ND	400	100	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	04/15/2014	ND	190	95.1	200	0.196		
DRO >C10-C28	<10.0	10.0	04/15/2014	ND	205	103	200	0.435		
EXT DRO >C28-C35	<10.0	10.0	04/15/2014	ND						

Surrogate: 1-Chlorooctane	106 %	65.2-140
Surrogate: 1-Chlorooctadecane	103 %	63.6-154

Sample ID: FLOOR #2 @ 9' (H401070-02)

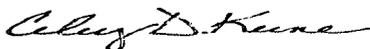
Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	04/15/2014	ND	400	100	400	0.00		
TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/15/2014	ND	190	95.1	200	0.196		
DRO >C10-C28	57.6	10.0	04/15/2014	ND	205	103	200	0.435		
EXT DRO >C28-C35	<10.0	10.0	04/15/2014	ND						

Surrogate: 1-Chlorooctane	114 %	65.2-140
Surrogate: 1-Chlorooctadecane	110 %	63.6-154

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential 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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Basin Environmental Service
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

 Received: 04/09/2014
 Reported: 04/15/2014
 Project Name: PLU #129
 Project Number: NONE GIVEN
 Project Location: EDDY COUNTY, NM

 Sampling Date: 04/07/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

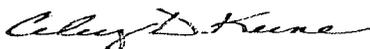
Sample ID: SEC. B @ 1' (H401070-03)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	04/15/2014	ND	400	100	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential 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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

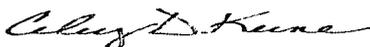
Notes and Definitions

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. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Basin Environmental Service Technologies, LLC		BILL TO				ANALYSIS REQUEST																				
Project Manager: Joel Lowry		P.O. #:				Chloride TPH (8015M) BTEX (8021B) HOLD FOR TPH																				
Address: P.O. Box 301		Company: BOPCO, LP																								
City: Lovington State: NM Zip: 88260		Attn: Tony Savoie																								
Phone #: (575)396-2378 Fax #: (575)396-1429		Address: 522 W. Marland																								
Project #: Project Owner:		City: Carlsbad																								
Project Name: PLU #129		State: NM Zip: 88220																								
Project Location: Eddy Co., NM		Phone #: (432)556-8730																								
Sampler Name:		Fax #:																								
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME												
H401070																										
1	Floor #1 @ 14'	G	1		x					x			4/8/14	1000	x	x										
2	Floor #2 @ 9'	G	1		x					x			4/8/14	1015	x	x										
3	Sec B @ 1'	G	1		x					x			4/7/14	4:00	x											

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Relinquished By: <i>Joel Lowry</i>	Date: 4/9/14	Received By: <i>BPR Babun</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: 8:00		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By: <i>BPR Babun</i>	Date: 4/9/14	Received By: <i>Jodi Benson</i>	REMARKS:	
	Time: 10:40		HOLD FOR TPH	
Delivered By: (Circle One)	Sample Condition	CHECKED BY: <i>JH</i>	Please email results to pm@basinenv.com, TASavoie@BassPet.com & SJWalters@BassPet.com	
Sampler - UPS - Bus - Other:	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	(Initials)		
FORM-006	<i>0.8°C</i>			

Revision 1.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

#54

April 23, 2014

JOEL LOWRY

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: PLU #129

Enclosed are the results of analyses for samples received by the laboratory on 04/16/14 11:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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.

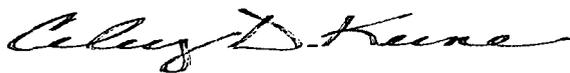
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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. Keene

Lab Director/Quality Manager

Analytical Results For:

 Basin Environmental Service
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

 Received: 04/16/2014
 Reported: 04/23/2014
 Project Name: PLU #129
 Project Number: NONE GIVEN
 Project Location: EDDY COUNTY, NM

 Sampling Date: 04/15/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SEC. A NSW (H401146-01)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	04/17/2014	ND	416	104	400	3.77	

Sample ID: SEC. A SSW (H401146-02)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/17/2014	ND	416	104	400	3.77	

Sample ID: SEC. B NSW (H401146-03)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/17/2014	ND	416	104	400	3.77	

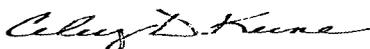
Sample ID: SEC. B SSW (H401146-04)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/17/2014	ND	416	104	400	3.77	

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

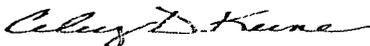
Notes and Definitions

- 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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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

April 24, 2014

JOEL LOWRY

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: PLU #129

Enclosed are the results of analyses for samples received by the laboratory on 04/23/14 16:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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.

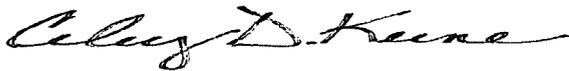
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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. Keene

Lab Director/Quality Manager

Analytical Results For:

 Basin Environmental Service
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received:	04/23/2014	Sampling Date:	04/21/2014
Reported:	04/24/2014	Sampling Type:	Soil
Project Name:	PLU #129	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: ESW (H401228-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/24/2014	ND	400	100	400	3.92		

Sample ID: SEC. C NSW (H401228-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/24/2014	ND	400	100	400	3.92		

Sample ID: SEC. C SSW (H401228-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/24/2014	ND	400	100	400	3.92		

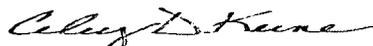
Sample ID: SEC. C WSW #1 (H401228-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/24/2014	ND	400	100	400	3.92		

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Basin Environmental Service
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received:	04/23/2014	Sampling Date:	04/21/2014
Reported:	04/24/2014	Sampling Type:	Soil
Project Name:	PLU #129	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

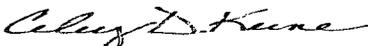
Sample ID: SEC. C WSW #2 (H401228-05)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/24/2014	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

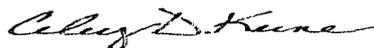
Notes and Definitions

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RPD	Relative Percent Difference
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***	Insufficient time to reach temperature.
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Celey D. Keene, Lab Director/Quality Manager

