

Basin Environmental Service Technologies, LLC

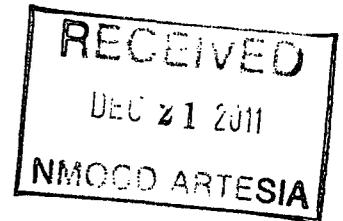
3100 Plains Highway
P. O. Box 301
Lovington, New Mexico 88260

bjarguijo@basinenv.com

Office: (575) 396-2378 Fax: (575) 396-1429



REMEDIATION SUMMARY & SITE CLOSURE REQUEST



BOPCO, LP
REMUDA BASIN 25 STATE #1
Eddy County, New Mexico
Unit Letter "I" (NE/SE), Section 25, Township 23 South, Range 29 East
Latitude 32.288041° North, Longitude 103.936333° West

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

September 2011

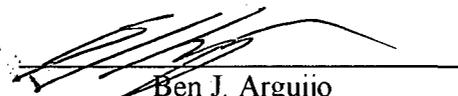

Ben J. Arguijo
Project Manager

TABLE OF CONTENTS

1.0 INTRODUCTION & BACKGROUND INFORMATION.....	1
2.0 NMOCD SITE CLASSIFICATION.....	1
3.0 SUMMARY OF SOIL REMEDIATION ACTIVITIES.....	2
4.0 QA/QC PROCEDURES.....	3
4.1 Soil Sampling.....	3
4.2 Decontamination of Equipment.....	3
4.3 Laboratory Protocol.....	3
5.0 SITE CLOSURE REQUEST.....	3
6.0 LIMITATIONS.....	4
7.0 DISTRIBUTION.....	5

FIGURES

Figure 1 – Site Location Map

Figure 2 – Site & Sample Location Map

TABLES

Table 1 – Concentrations of Benzene, BTEX, TPH & Chlorides in Soil

APPENDICES

Appendix A – Release Notification and Corrective Action (Form C-141)

Appendix B – Photographs

Appendix C – Laboratory Analytical Reports

1.0 INTRODUCTION & BACKGROUND INFORMATION

Basin Environmental Service Technologies, LLC (Basin), on behalf of BOPCO, LP (BOPCO), has prepared this *Remediation Summary & Site Closure Request* for the release site known as Remuda Basin 25 State #1 (Remuda Basin). The legal description of the release site is Unit Letter "I" (NE/SE), Section 25, Township 23 South, Range 29 East, in Eddy County, New Mexico. The geographic coordinates of the release site are 32.288041° North latitude and 103.936333° West longitude. The property affected by the release is owned by the New Mexico State Land Office (NMSLO). A "Site Location Map" is provided as Figure 1.

On June 5, 2011, BOPCO discovered a release had occurred at the Remuda Basin tank battery. On the night of June 4, 2011, a three hundred barrel (300 bbl) water tank on-site was struck by lightning, resulting in a release of produced water and condensate. The release was reported to the New Mexico Oil Conservation Division (NMOCD) Artesia District Office on June 5, 2011. The "Release Notification and Corrective Action" (Form C-141) indicated approximately ninety-five barrels (95 bbls) of produced water and less than one barrel (1 bbl) of condensate had been released. The majority of the release was confined inside the containment area of the tank battery and affected an area measuring approximately twenty one hundred square feet (2,100 ft²). The release also affected an area outside of the containment measuring approximately three hundred square feet (300 ft²).

The Form C-141 is provided as Appendix A. General photographs of the release site are provided as Appendix B.

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 25, Township 23 South, Range 29 East. A depth-to-groundwater reference map utilized by the NMOCD indicates groundwater should be encountered at approximately one hundred and five feet (105') 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 Remuda Basin 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)
- BTEX – 50 mg/Kg (ppm)
- 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 June 8, 2011, one hand-augered soil bore (HA-1) was advanced inside the containment area of the tank battery, to the east of, and adjacent to, the 300 barrel water tank, to investigate the vertical extent of impact at the site. The soil bore was advanced to twelve feet (12') bgs. Soil samples were collected at two foot (2') drilling intervals and submitted to Cardinal Laboratories in Hobbs, New Mexico, for analysis of chloride and/or total petroleum hydrocarbon (TPH) concentrations using EPA Methods 4500 Cl-B and SW-846 8015M, respectively. The soil sample collected at twelve feet (12') bgs was also analyzed for benzene, toluene, ethyl-benzene, and xylene (BTEX) concentrations using EPA Method SW-846 8021b. Table 1 summarizes the "Concentrations of Benzene, BTEX, TPH & Chlorides in Soil". A "Site & Sample Location Map" is provided as Figure 2. Laboratory analytical reports are provided as Appendix C.

Laboratory analytical results indicated chloride concentrations ranged from 144 mg/Kg in soil sample HA-1 @ 8' to 17,600 mg/Kg in soil sample HA-1 @ Surface. TPH concentrations ranged from less than the appropriate laboratory method detection limit (MDL) in soil samples HA-1 @ 6' and HA-1 @ 12' to 4,999 mg/Kg in soil sample HA-1 @ Surface. BTEX constituent concentrations were less than the appropriate laboratory MDL in all soil samples submitted.

On June 22, 2011, excavation of impacted soil commenced at the site. To facilitate remediation activities and preserve the integrity of the foundations of the on-site storage tanks, the excavation was divided into two sections: North Excavation and South Excavation. From June 22 through June 24, 2011, approximately one hundred and sixty (160) cubic yards (cy) of impacted soil was excavated and transported to Lea Land, Inc. (NMOCD Permit # WM-01-035) for disposal.

On June 23, 2011, ten (10) soil samples (North Excavation - North Wall, North Excavation - East Wall, North Excavation - West Wall, North Excavation - Floor, South Excavation - East Wall, South Excavation - West Wall, South Excavation - South Wall, South Excavation - South Floor, South Excavation - Mid Floor East, South Excavation - Mid Floor West) were collected from the floors and sidewalls of the North and South excavations and submitted to Cardinal Laboratories for analysis of chloride and TPH concentrations. Soil samples North Excavation Floor and South Excavation - South Floor were also analyzed for BTEX concentrations.

Laboratory analytical results indicated chloride concentrations ranged from 16.0 mg/Kg in soil sample South Excavation - West Wall to 384 mg/Kg in soil sample South Excavation - Mid Floor East. TPH concentrations were less than the laboratory MDL in all soil samples submitted, with the exception of soil sample North Excavation - Floor, which exhibited a TPH concentration of 2,530 mg/Kg. BTEX constituent concentrations were less than the appropriate laboratory MDL in all soil samples submitted.

Based on laboratory analytical results, on June 24, 2011, the North and South Excavations were backfilled and compacted, and contoured to fit the surrounding topography. Prior to backfilling, final dimensions of the combined excavations were approximately sixty-six feet (66') feet in

length, approximately thirty-six feet (36') feet in width, and ranging in depth from approximately one foot (1') to three feet (3') bgs.

4.0 QA/QC PROCEDURES

4.1 Soil Sampling

Soil samples were delivered to Cardinal Laboratories, Inc., of 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 modified EPA Method SW-846 8015M
- Chloride concentrations in accordance with EPA Method SM 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

Soil samples collected from the floors and sidewalls of the Remuda Basin excavation were analyzed by an NMOCD-approved laboratory, and concentrations of Benzene, BTEX, TPH, and chloride were below the remediation action levels established for the site. Based on these analytical results, Basin recommends BOPCO provide the NMOCD Artesia District Office and the NMSLO a copy of this *Remediation Summary & Site Closure Request* and request the NMOCD grant site closure to the Remuda Basin release site.

6.0 LIMITATIONS

Basin Environmental Service Technologies, LLC, has prepared this *Remediation Summary & 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, New Mexico 88210
- Copy 2: Andrew Kraemer
New Mexico State Land Office
602 N. Canal Street, Ste. B
Carlsbad, New Mexico 88220
- Copy 3: Tony Savoie
BOPCO, LP
522 W. Mermod, Ste. 704
Carlsbad, New Mexico 88220
- Copy 4: Basin Environmental Service Technologies, LLC
P.O. Box 301
Lovington, New Mexico 88260

Figures

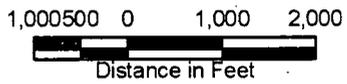
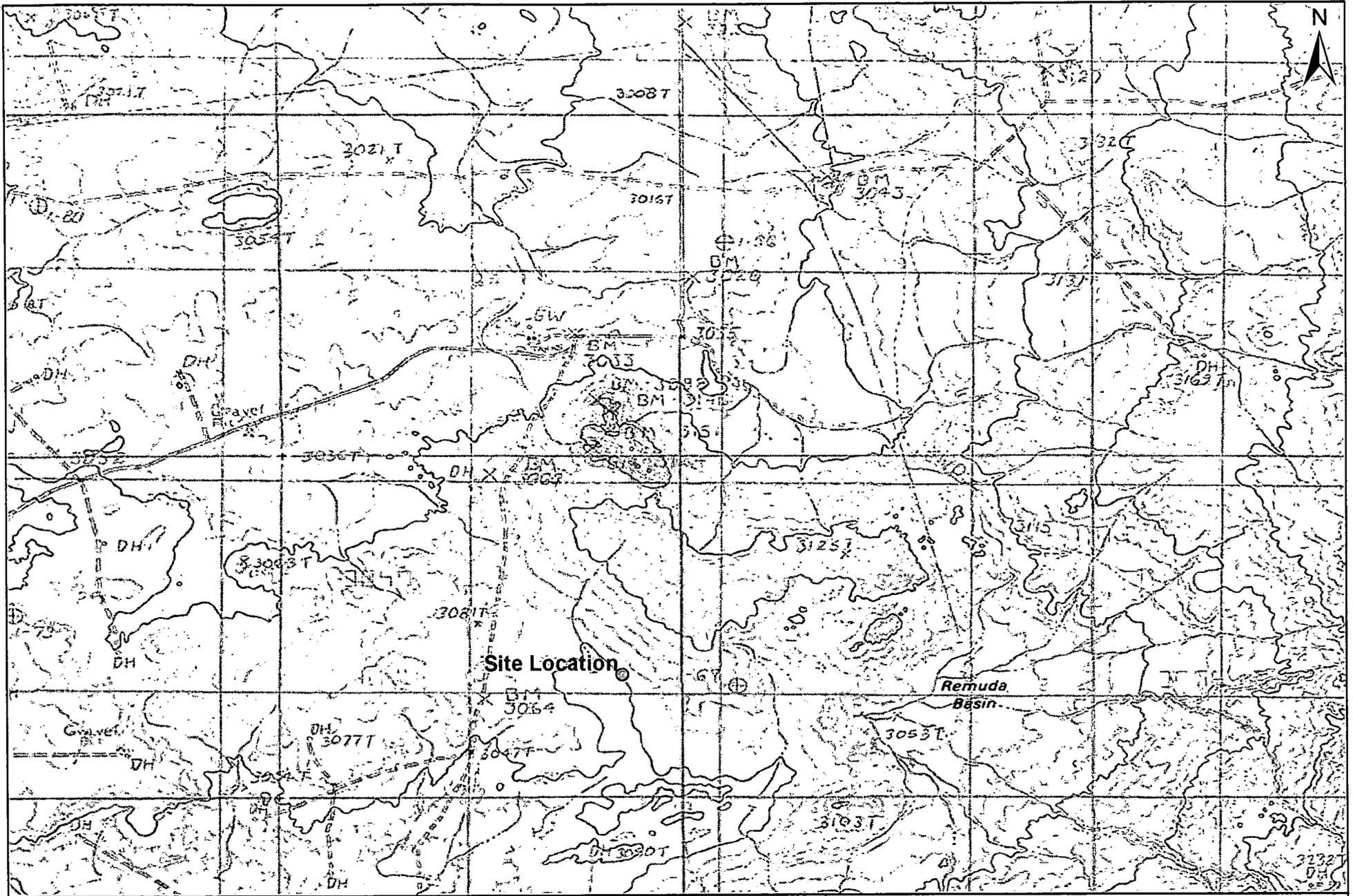
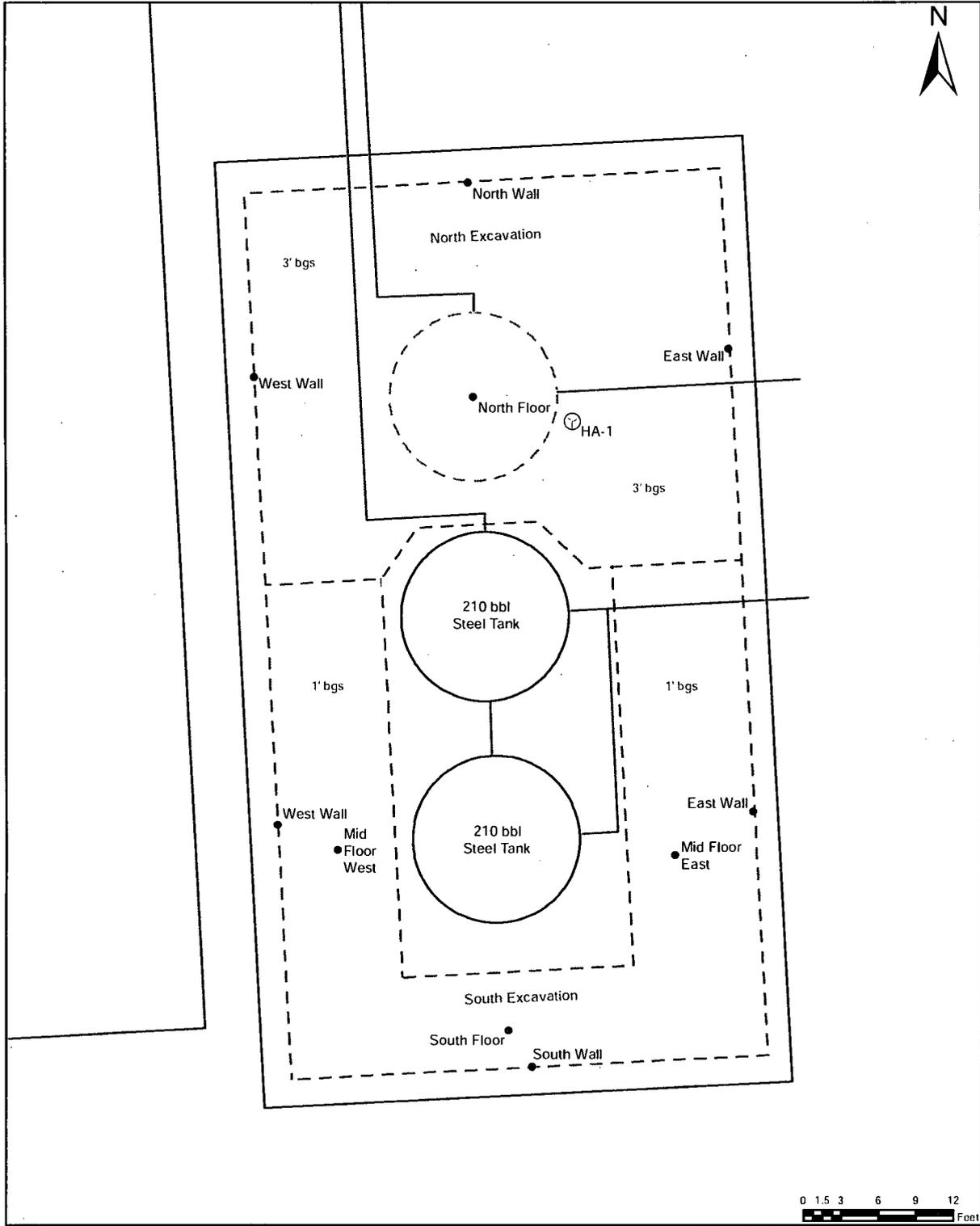


Figure 1
 Site Location Map
 BOPCO, LP
 Remuda Basin 25 State #1
 Eddy County, New Mexico



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

Drawn By: BJA	Checked By: BRB
December 6, 2011	Scale: 1" = 2000'



- Legend:**
- - - Excavation Extent
 - Gas Line
 - Water Line
 - Oil Line
 - Sample Location

Figure 2
Site & Sample Location Map
BOPCO, LP
Remuda Basin 25 State #1
Eddy County, New Mexico



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

Drawn By: BJA	Checked By: SDW
December 5, 2011	Scale: 1" = 12'

Tables

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDES IN SOIL

BOPCO, LP
 REMUDA BASIN 25 STATE #1
 EDDY COUNTY, NEW MEXICO

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)		
HA-1 @ Surface	Surface	6/8/2011	In-Situ	-	-	-	-	-	39.4	4,960	<10.0	4,999	17,600
HA-1 @ 2'	2'	6/8/2011	In-Situ	-	-	-	-	-	-	-	-	-	3,200
HA-1 @ 4'	4'	6/8/2011	In-Situ	-	-	-	-	-	-	-	-	-	272
HA-1 @ 6'	6'	6/8/2011	In-Situ	-	-	-	-	-	<10.0	<10.0	<10.0	<10.0	176
HA-1 @ 8'	8'	6/8/2011	In-Situ	-	-	-	-	-	-	-	-	-	144
HA-1 @ 10'	10'	6/8/2011	In-Situ	-	-	-	-	-	-	-	-	-	208
HA-1 @ 12'	12'	6/8/2011	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.150	<10.0	<10.0	<10.0	<10.0	256
North Excavation - North Wall	2'	6/23/2011	In-Situ	-	-	-	-	-	<10.0	<10.0	<10.0	<10.0	112
North Excavation - East Wall	2'	6/23/2011	In-Situ	-	-	-	-	-	<10.0	<10.0	<10.0	<10.0	64.0
North Excavation - West Wall	2'	6/23/2011	In-Situ	-	-	-	-	-	<10.0	<10.0	<10.0	<10.0	64.0
North Excavation - Floor	3'	6/23/2011	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.150	<10.0	2,530	<10.0	2,530	208
South Excavation - East Wall	6"	6/23/2011	In-Situ	-	-	-	-	-	<10.0	<10.0	<10.0	<10.0	336
South Excavation - West Wall	6"	6/23/2011	In-Situ	-	-	-	-	-	<10.0	<10.0	<10.0	<10.0	16.0
South Excavation - South Wall	6"	6/23/2011	In-Situ	-	-	-	-	-	<10.0	<10.0	<10.0	<10.0	208
South Excavation - South Floor	1'	6/23/2011	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.150	<10.0	<10.0	<10.0	<10.0	160
South Excavation - Mid Floor East	1'	6/23/2011	In-Situ	-	-	-	-	-	<10.0	<10.0	<10.0	<10.0	384
South Excavation - Mid Floor West	1'	6/23/2011	In-Situ	-	-	-	-	-	<10.0	<10.0	<10.0	<10.0	64.0
NMOCD Criteria				10				50				5,000	1,000

- = Not analyzed.

Appendices

Appendix A
Release Notification &
Corrective Action (Form C-141)

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-141
Revised October 10, 2003

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

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

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company BOPCO, L.P.	Contact Tony Savoie
Address 522 W. Mermod, Suite 704 Carlsbad, N.M. 88220	Telephone No. 432-556-8730
Facility Name: Remuda Basin 25 State #1	Facility Type E&P
Surface Owner State of N.M.	Mineral Owner State
	Lease No E5894

LOCATION OF RELEASE

Unit Letter I	Section 25	Township 25S	Range 29E	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
------------------	---------------	-----------------	--------------	---------------	------------------	---------------	----------------	----------------

Latitude N 32.288041 Longitude W 103.936333

NATURE OF RELEASE

Type of Release: Produced water and condensate	Volume of Release: 95 bbls of produced water and less than 1 bbl condensate.	Volume Recovered: None
Source of Release: 300 bbl produced water tank	Date and Hour of Occurrence 6/4/11, between 5 pm and 11 pm	Date and Hour of Discovery 6/5/11 9:00 a.m.
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher	
By Whom? Tony Savoie	Date and Hour 6/5/11 7:30 p.m.	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

RECEIVED
JUN 16 2011
NMOCD ARTESIA

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* The 300 bbl water tank was struck by lightning the evening of 6/4/11, the pumper discovered it the next morning, all of the water had soaked into the ground inside the earthen containment. There was no evidence of fire anywhere at the facility. The well was shut in the morning of 6/5/11.

Describe Area Affected and Cleanup Action Taken.* Approximately 2100 sq. ft. inside the containment area and approximately 300 sq. ft. outside the containment area on the caliche well pad. Samples were collected at 2 ft. intervals to a depth of 12 ft. below ground surface on 6/8/11 and analyzed for TPH and Chlorides. It appears the vertical extent did not exceed 3 ft. below ground surface. A copy of the analytical results are attached. We plan on excavating the affected soil inside the containment area on 6/20/11. The soil remediation will follow the NMOCD recommended guidelines for the remediation of leaks and spills.

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.

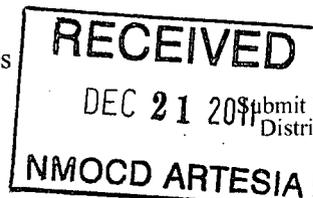
Signature: <i>Tony Savoie</i>	OIL CONSERVATION DIVISION	
Printed Name: Tony Savoie	Approved by District Supervisor:	
Title: Waste Mgmt. & Remediation Specialist	Approval Date:	Expiration Date:
E-mail Address: TAsavoie@BassPet.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 6/17/11	Phone: 432-556-8730	

* Attach Additional Sheets If Necessary

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

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



Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

Initial Report

Final Report

Name of Company	BOPCO, LP	Contact	Tony Savoie
Address	522 W. Mermod, Suite 704, Carlsbad, NM 88220	Telephone No.	(432)556-8730
Facility Name	Remuda Basin 25 State #1	Facility Type	E&P

Surface Owner	State of N.M.	Mineral Owner	State	Lease No.	E5894
---------------	---------------	---------------	-------	-----------	-------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	25	23S	29E					Eddy

Latitude 32.288041° North

Longitude 103.936333° West

NATURE OF RELEASE

Type of Release	Produced water and condensate	Volume of Release	95 bbls of produced water and less than 1 bbl condensate	Volume Recovered	None
Source of Release	300 bbl produced water tank	Date and Hour of Occurrence	6/4/11, between 5 pm and 11 pm	Date and Hour of Discovery	6/5/11 9:00 a.m.
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher		
By Whom?	Tony Savoie	Date and Hour	6/5/11 7:30 p.m.		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

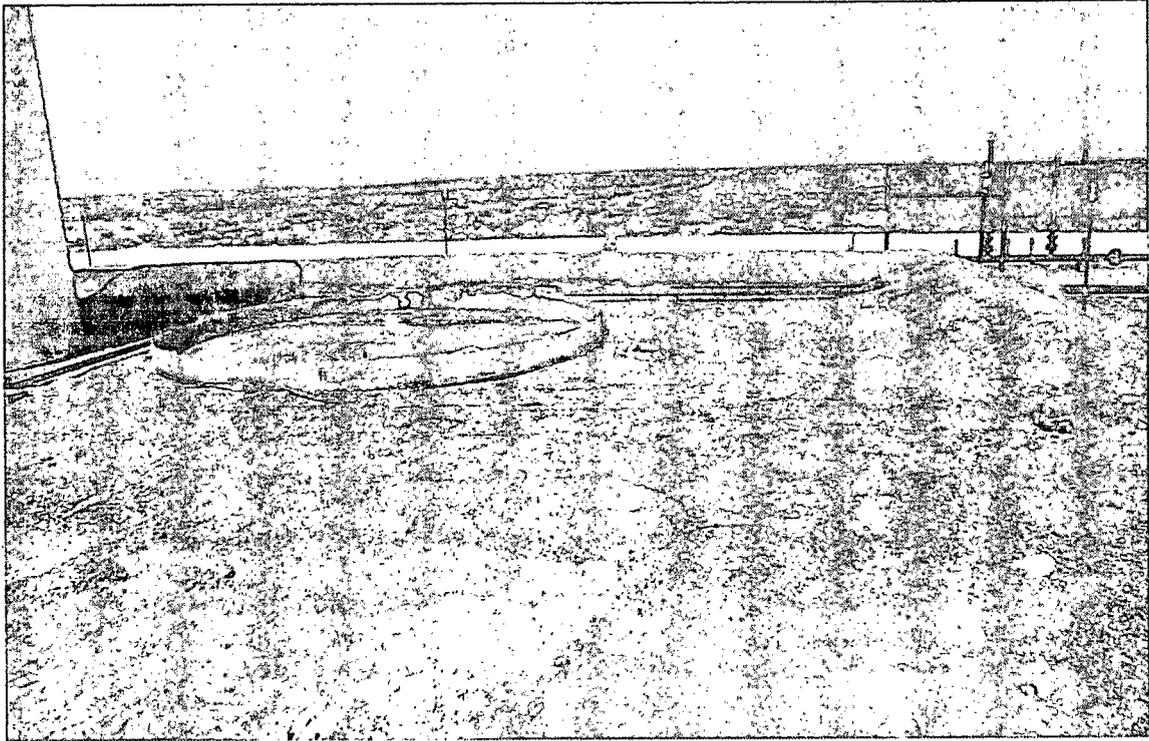
Describe Cause of Problem and Remedial Action Taken.* The 300 bbl water tank was struck by lightning the evening of 6/4/11, the pumper discovered it the next morning, all of the water had soaked into the ground inside the earthen containment. There was no evidence of fire anywhere at the facility. The well was shut in the morning of 6/5/11.

Describe Area Affected and Cleanup Action Taken.* Approximately 2100 sq. ft. inside the containment area and approximately 300 sq. ft. outside the containment area on the caliche well pad. Following initial response activities, the release was remediated as per NMOCD recommended guidelines. Please reference the attached *Remediation Summary & Site Closure Request* for remediation details.

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

Signature:	OIL CONSERVATION DIVISION	
Printed Name: Tony Savoie	Approved by District Supervisor:	
Title: Waste Mgmt. & Remediation Specialist	Approval Date:	Expiration Date:
E-mail Address: TASavoie@BassPet.com	Conditions of Approval:	
Date: 12/6/2011	Phone: (432)556-8730	

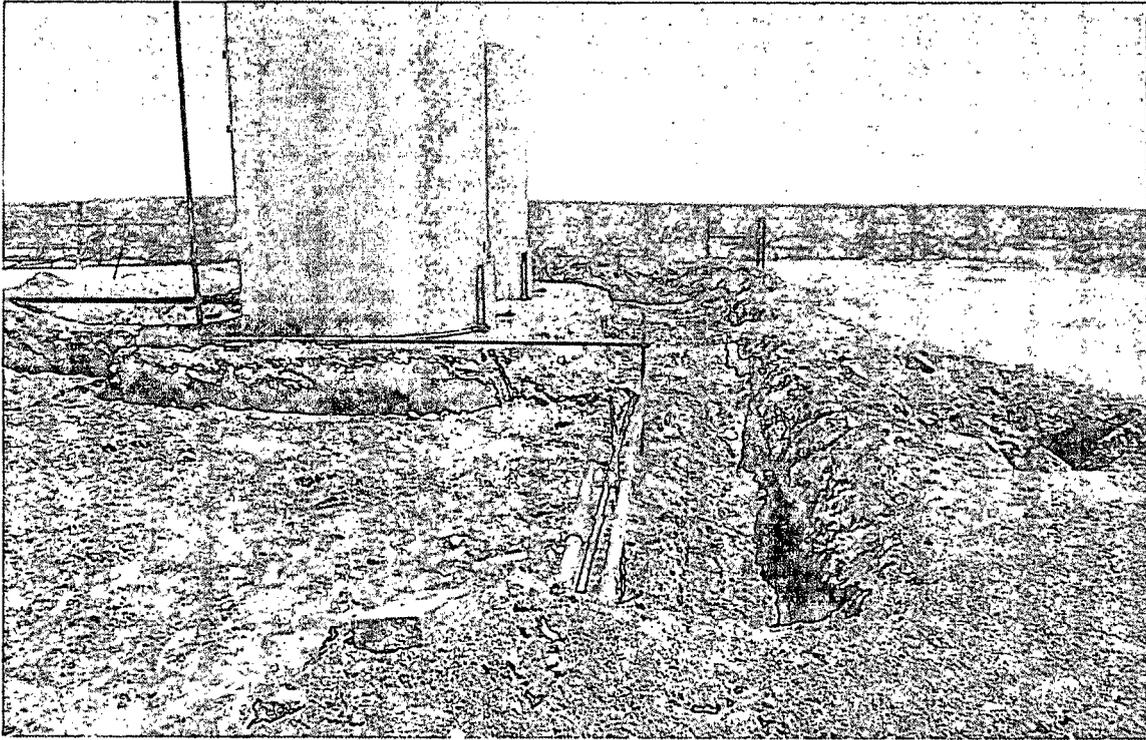
Appendix B
Photographs



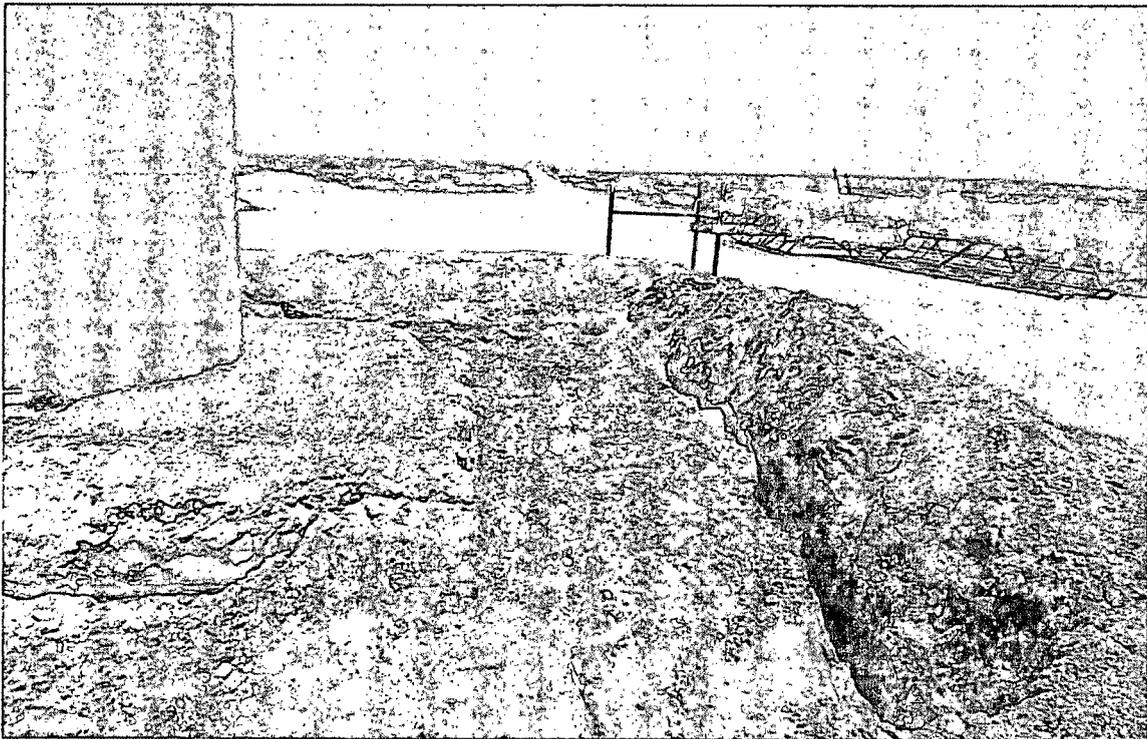
Remuda Basin 25 State #1 - Release Site (looking West)



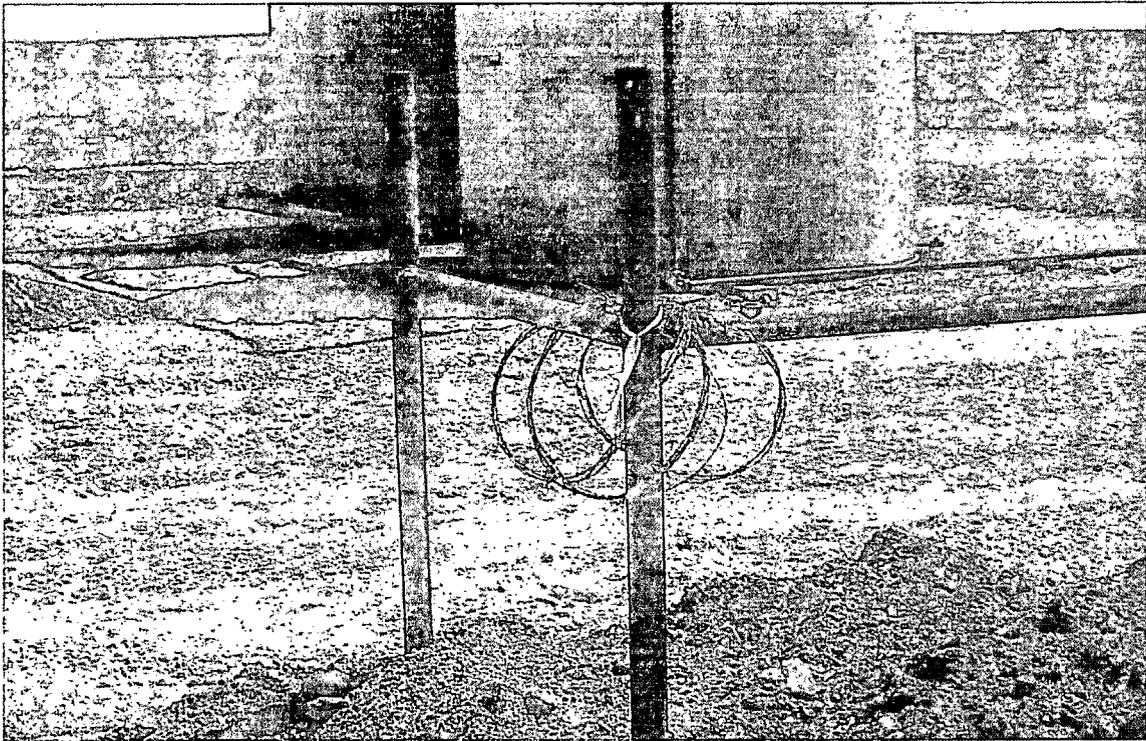
Remuda Basin 25 State #1 - Release Site (looking South)



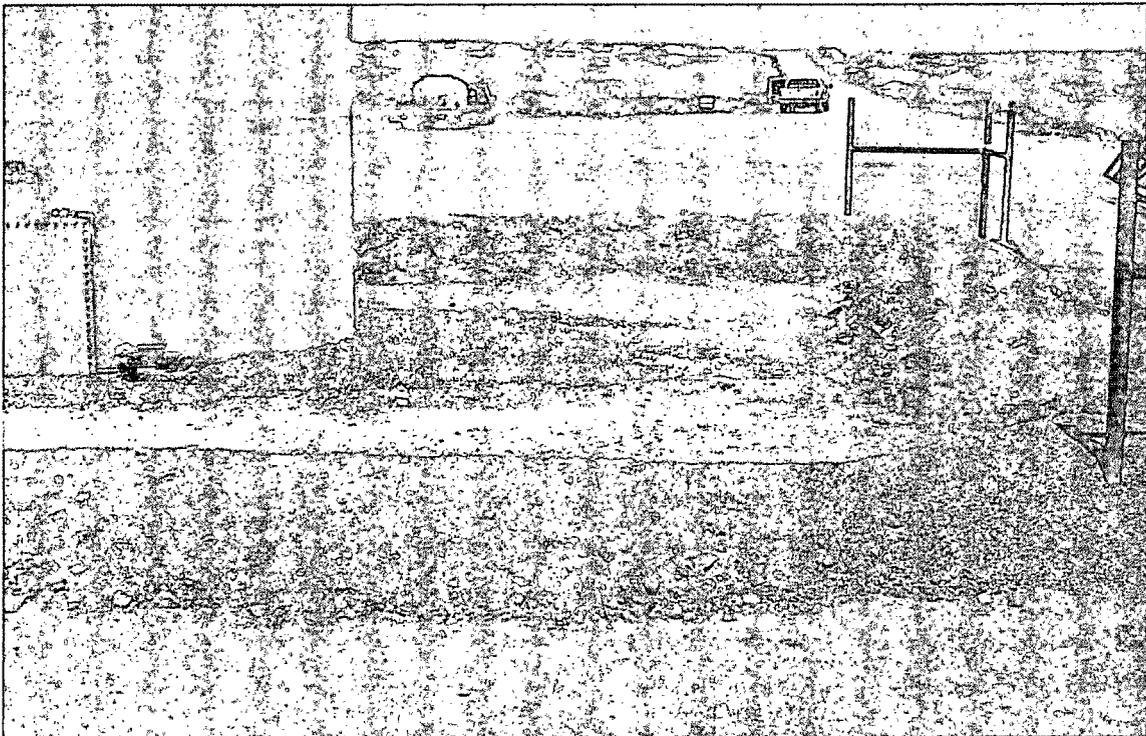
Remuda Basin 25 State #1 - North Excavation (looking South)



Remuda Basin 25 State #1 - South Excavation (looking East)



Remuda Basin 25 State #1 - North Excavation (following backfill, looking Southeast)



Remuda Basin 25 State #1 - South Excavation (following backfill, looking East)

Appendix C
Laboratory Analytical Reports

Analytical Results For:

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

Received:	06/09/2011	Sampling Date:	06/08/2011
Reported:	06/14/2011	Sampling Type:	Soil
Project Name:	REMUDA BASIN 25 STATE #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: HA 1 SURFACE (H101189-01)

Chloride, SM4500CI-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	17600	16.0	06/11/2011	ND	464	116	400	3.51	

TPH 8015M mg/kg Analyzed By: AB

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	39.4	10.0	06/14/2011	ND	216	108	200	1.49	
DRO >C10-C28	4960	10.0	06/14/2011	ND	203	102	200	7.13	
EXT DRO >C28-C35	<10.0	10.0	06/14/2011	ND					

Surrogate: 1-Chlorooctane 134 % 70-130

Surrogate: 1-Chlorooctadecane 148 % 70-130

Sample ID: HA 1 2' BGS (H101189-02)

Chloride, SM4500CI-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	06/11/2011	ND	464	116	400	3.51	

Sample ID: HA 1 4' BGS (H101189-03)

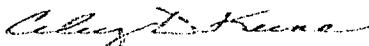
Chloride, SM4500CI-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	06/11/2011	ND	464	116	400	3.51	

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
 BEN J. ARGUIJO
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received:	06/09/2011	Sampling Date:	06/08/2011
Reported:	06/14/2011	Sampling Type:	Soil
Project Name:	REMUDA BASIN 25 STATE #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: HA 1 6' BGS (H101189-04)

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/11/2011	ND	464	116	400	3.51	

TPH 8015M mg/kg Analyzed By: AB

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/14/2011	ND	216	108	200	1.49	
DRO >C10-C28	<10.0	10.0	06/14/2011	ND	203	102	200	7.13	
EXT DRO >C28-C35	<10.0	10.0	06/14/2011	ND					

Surrogate: 1-Chlorooctane 121 % 70-130

Surrogate: 1-Chlorooctadecane 128 % 70-130

Sample ID: HA 1 8' BGS (H101189-05)

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/11/2011	ND	464	116	400	3.51	

Sample ID: HA 1 10' BGS (H101189-06)

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/11/2011	ND	464	116	400	3.51	

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
 BEN J. ARGUIJO
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received:	06/09/2011	Sampling Date:	06/08/2011
Reported:	06/14/2011	Sampling Type:	Soil
Project Name:	REMUDA BASIN 25 STATE #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: HA 1 12' BGS (H101189-07)

BTEX 8260B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/13/2011	ND	2.21	111	2.00	7.93		
Toluene*	<0.050	0.050	06/13/2011	ND	2.24	112	2.00	7.82		
Ethylbenzene*	<0.050	0.050	06/13/2011	ND	2.32	116	2.00	8.13		
Total Xylenes*	<0.150	0.150	06/13/2011	ND	6.54	109	6.00	8.53		

Surrogate: Dibromofluoromethane 92.6 % 80-120

Surrogate: Toluene-d8 98.5 % 80-120

Surrogate: 4-Bromofluorobenzene 106 % 80-120

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	06/11/2011	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	06/14/2011	ND	216	108	200	1.49		
DRO >C10-C28	<10.0	10.0	06/14/2011	ND	203	102	200	7.13		
EXT DRO >C28-C35	<10.0	10.0	06/14/2011	ND						

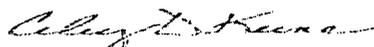
Surrogate: 1-Chlorooctane 151 % 70-130

Surrogate: 1-Chlorooctadecane 171 % 70-130

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

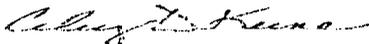
Notes and Definitions

- Z-01 One or more surrogates above 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

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Basin Environmental Service Technologies, LLC				BILL TO				ANALYSIS REQUEST																			
Project Manager: Ben J. Arguijo				P.O. #:																							
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. Mermod																							
Project #:		Project Owner: BOPCO, LP		City: Carlsbad																							
Project Name: Remuda Basin 25 State #1				State: NM																Zip: 88220							
Project Location: EDDY NM				Phone #: (432) 556-8730																							
Sampler Name: Jody Walters				Fax #:																							
FOR LAB USE ONLY																											
Lab I.D.		Sample I.D.		G/RAB OR C/COMP	# CONTAINERS	MATRIX				PRESERV		SAMPLING															
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER:	DATE	TIME													
H101189															Chloride 8015 m BTEX												
1	HA1	Sur Face	G	1		X				X			6-8-11	10:00	X	X											
2	HA1	2' B6S	G	1		X				X			6-8-11	10:05	X	X											
3	HA1	4' B6S	G	1		X				X			6-8-11	10:15	X	X											
4	HA1	6' B6S	G	1		X				X			6-8-11	10:20	X	X											
5	HA1	8' B6S	G	1		X				X			6-8-11	10:25	X	X											
6	HA1	10' B6S	G	1		X				X			6-8-11	10:30	X	X											
7	HA1	12' B6S	G	1		X				X			6-8-11	10:35	X	X	X										

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 90 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 suppliers 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.

Relinquished By:		Date: 6-8-11		Received By: DAKOTAH WARD		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Time: 5:36 PM						Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Relinquished By: DAKOTAH WARD		Date: 6-9-11		Received By: Jodi Hanson		REMARKS: Please email results to pm@basinenv.com & TASavoie@BassPet.com			
Time: 6:32									
Delivered By: (Circle One)		Sample Condition:		CHECKED BY: (Initials)					
Sampler - UPS - Bus - Other:		Cool Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		3°C					

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#26

July 05, 2011

BEN J. ARGUIJO

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: REMUDA BASIN 25 STATE #1

Enclosed are the results of analyses for samples received by the laboratory on 06/24/11 8:45.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (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
 BEN J. ARGUIJO
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received:	06/24/2011	Sampling Date:	06/23/2011
Reported:	07/05/2011	Sampling Type:	Soil
Project Name:	REMUDA BASIN 25 STATE #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: N EXC - N WALL (H101308-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	06/24/2011	ND	432	108	400	3.77		
TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	06/25/2011	ND	208	104	200	2.59		
DRO >C10-C28	<10.0	10.0	06/25/2011	ND	220	110	200	0.144		
EXT DRO >C28-C35	<10.0	10.0	06/25/2011	ND						
Surrogate: 1-Chlorooctane	105 %	70-130								
Surrogate: 1-Chlorooctadecane	118 %	70-130								

Sample ID: N EXC - E WALL (H101308-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/24/2011	ND	432	108	400	3.77		
TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	06/25/2011	ND	208	104	200	2.59		
DRO >C10-C28	<10.0	10.0	06/25/2011	ND	220	110	200	0.144		
EXT DRO >C28-C35	<10.0	10.0	06/25/2011	ND						
Surrogate: 1-Chlorooctane	90.3 %	70-130								
Surrogate: 1-Chlorooctadecane	102 %	70-130								

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
 BEN J. ARGUIJO
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received:	06/24/2011	Sampling Date:	06/23/2011
Reported:	07/05/2011	Sampling Type:	Soil
Project Name:	REMUDA BASIN 25 STATE #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

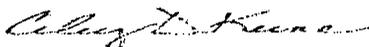
Sample ID: N EXC - W WALL (H101308-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/24/2011	ND	432	108	400	3.77		
TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	06/25/2011	ND	208	104	200	2.59		
DRO >C10-C28	<10.0	10.0	06/25/2011	ND	220	110	200	0.144		
EXT DRO >C28-C35	<10.0	10.0	06/25/2011	ND						
Surrogate: 1-Chlorooctane	111 %	70-130								
Surrogate: 1-Chlorooctadecane	127 %	70-130								

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
 BEN J. ARGUIJO
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received:	06/24/2011	Sampling Date:	06/23/2011
Reported:	07/05/2011	Sampling Type:	Soil
Project Name:	REMUDA BASIN 25 STATE #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: N EXC - FLOOR (H101308-04)
BTEX 8021B

mg/kg

Analyzed By: CMS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2011	ND	2.22	111	2.00	21.2	
Toluene*	<0.050	0.050	07/01/2011	ND	2.42	121	2.00	24.5	
Ethylbenzene*	<0.050	0.050	07/01/2011	ND	2.52	126	2.00	24.4	
Total Xylenes*	<0.150	0.150	07/01/2011	ND	7.50	125	6.00	22.2	

Surrogate: 4-Bromofluorobenzene (PIL) 109 % 70-130

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/24/2011	ND	432	108	400	3.77	

TPH 8015M

mg/kg

Analyzed By: ab

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/25/2011	ND	208	104	200	2.59	
DRO >C10-C28	2530	10.0	06/25/2011	ND	220	110	200	0.144	
EXT DRO >C28-C35	<10.0	10.0	06/25/2011	ND					

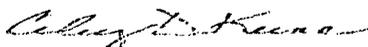
Surrogate: 1-Chlorooctane 126 % 70-130

Surrogate: 1-Chlorooctadecane 121 % 70-130

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
 BEN J. ARGUIJO
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received:	06/24/2011	Sampling Date:	06/23/2011
Reported:	07/05/2011	Sampling Type:	Soil
Project Name:	REMUDA BASIN 25 STATE #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: S EXC - E WALL (H101308-05)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	06/24/2011	ND	432	108	400	7.14		
TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	06/27/2011	ND	208	104	200	2.59		
DRO >C10-C28	<10.0	10.0	06/27/2011	ND	220	110	200	0.144		
EXT DRO >C28-C35	<10.0	10.0	06/27/2011	ND						
Surrogate: 1-Chlorooctane		69.9 %	70-130							
Surrogate: 1-Chlorooctadecane		82.6 %	70-130							

Sample ID: S EXC - W WALL (H101308-06)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/24/2011	ND	432	108	400	7.14		
TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	06/25/2011	ND	208	104	200	2.59		
DRO >C10-C28	<10.0	10.0	06/25/2011	ND	220	110	200	0.144		
EXT DRO >C28-C35	<10.0	10.0	06/25/2011	ND						
Surrogate: 1-Chlorooctane		82.2 %	70-130							
Surrogate: 1-Chlorooctadecane		91.4 %	70-130							

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
 BEN J. ARGUIJO
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received:	06/24/2011	Sampling Date:	06/23/2011
Reported:	07/05/2011	Sampling Type:	Soil
Project Name:	REMUDA BASIN 25 STATE #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: S EXC - S WALL (H101308-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	06/24/2011	ND	432	108	400	7.14		
TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	06/25/2011	ND	208	104	200	2.59		
DRO >C10-C28	<10.0	10.0	06/25/2011	ND	220	110	200	0.144		
EXT DRO >C28-C35	<10.0	10.0	06/25/2011	ND						
Surrogate: 1-Chlorooctane	123 %	70-130								
Surrogate: 1-Chlorooctadecane	112 %	70-130								

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
 BEN J. ARGUIJO
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received:	06/24/2011	Sampling Date:	06/23/2011
Reported:	07/05/2011	Sampling Type:	Soil
Project Name:	REMUDA BASIN 25 STATE #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: S EXC - S FLOOR (H101308-08)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/27/2011	ND	1.74	87.2	2.00	2.05		
Toluene*	<0.050	0.050	06/27/2011	ND	1.82	91.0	2.00	1.97		
Ethylbenzene*	<0.050	0.050	06/27/2011	ND	1.80	90.2	2.00	2.42		
Total Xylenes*	<0.150	0.150	06/27/2011	ND	5.45	90.8	6.00	2.85		

Surrogate: 4-Bromofluorobenzene (PIE) 100 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/24/2011	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	06/26/2011	ND	208	104	200	2.59		
DRO >C10-C28	<10.0	10.0	06/26/2011	ND	220	110	200	0.144		
EXT DRO >C28-C35	<10.0	10.0	06/26/2011	ND						

Surrogate: 1-Chlorooctane 95.1 % 70-130

Surrogate: 1-Chlorooctadecane 110 % 70-130

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
 BEN J. ARGUIJO
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

 Received: 06/24/2011
 Reported: 07/05/2011
 Project Name: REMUDA BASIN 25 STATE #1
 Project Number: NONE GIVEN
 Project Location: EDDY COUNTY, NM

 Sampling Date: 06/23/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S EXC - MID FLOOR EAST (H101308-09)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	06/24/2011	ND	432	108	400	7.14		
TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	06/26/2011	ND	208	104	200	2.59		
DRO >C10-C28	<10.0	10.0	06/26/2011	ND	220	110	200	0.144		
EXT DRO >C28-C35	<10.0	10.0	06/26/2011	ND						

Surrogate: 1-Chlorooctane 110 % 70-130

Surrogate: 1-Chlorooctadecane 125 % 70-130

Sample ID: S EXC - MID FLOOR W (H101308-10)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/24/2011	ND	432	108	400	7.14		
TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	06/26/2011	ND	208	104	200	2.59		
DRO >C10-C28	<10.0	10.0	06/26/2011	ND	220	110	200	0.144		
EXT DRO >C28-C35	<10.0	10.0	06/26/2011	ND						

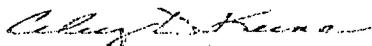
Surrogate: 1-Chlorooctane 101 % 70-130

Surrogate: 1-Chlorooctadecane 114 % 70-130

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

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- 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

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

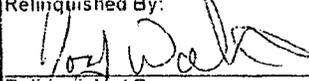
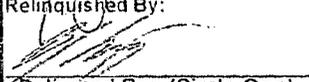
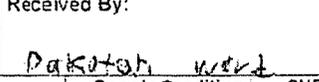
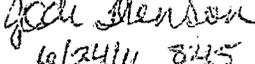
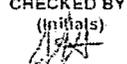
Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Basin Environmental Service Technologies, LLC		BILL TO				ANALYSIS REQUEST																							
Project Manager: Ben S. Arguilo		P.O. #:																											
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. Maxmod																											
Project #: Project Owner: BOPCO, LP		City: Carlsbad																											
Project Name: Remuda Basin 25 State #1		State: NM Zip: 88220																											
Project Location: Edley Co., NM		Phone #: (532) 556-9730																											
Sampler Name:		Fax #:																											
FOR LAB USE ONLY																													
Lab I.D.	Sample I.D.	(G)RAG OR (C)OMP.	# CONTAINERS	MATRIX														PRESERV.			SAMPLING								
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME															
H1013508	1 North Excavation - North Wall	X	1		X					X			6/23/11	1330	X	X	Chlorides TPH (201502) BTEX												
	2 North Excavation - East Wall													1340															
	3 North Excavation - West Wall													1350															
	4 North Excavation - Floor													1400															
	5 South Excavation - East Wall													1410															
	6 South Excavation - West Wall													1420															
	7 South Excavation - South Wall													1430															
	8 South Excavation - South Floor													1440		X													
	9 South Excavation - Mid Floor East													1450															
	10 South Excavation - Mid Floor West													1500															

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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: 	Date: 6/23/11 Time: 1730	Received By: 	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By: 	Date: 6/24/11 Time: 0730	Received By: 	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) <u>UPS</u> 	Sampler - UPS - Bus - Other: <u>UPS</u>	Date: 6/24/11 845	Sample Condition: Cool, Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: 
REMARKS:			Please email results to pm@basinenv.com & TSavoie@BassPoc.com	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#26