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REMEDIATION SUMMARY & RISK-BASED SITE CLOSURE REQUEST

**BOPCO, LP
BASS 3 FEDERAL #4
Eddy County, New Mexico
Unit Letter "I" (NE/SE), Section 3, Township 22 South, Range 28 East
Latitude 32.420218° North, Longitude 104.067417° West
NMOCD Reference #: 2RP-2371**

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 2014



**Ben J. Arguijo
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 & Risk-Based Site Closure Request* for the release site known as Bass 3 Federal #4. The legal description of the release site is Unit Letter "I" (NE/SE), Section 3, Township 22 South, Range 28 East, in Eddy County, New Mexico. The geographic coordinates of the release site are 32.420218° North latitude and 104.067417° West longitude. The property affected by the release is owned by The United States Department of the Interior - Bureau of Land Management (BLM). Please reference Figure 1 for a "Site Location Map".

On June 22, 2014, BOPCO discovered a release had occurred at the Bass 3 Federal #4 well site. The packing in the stuffing box on the pump jack failed, resulting in a release of crude oil and produced water. The pump jack was equipped with an E-Pot system designed to contain fluid and shut down the pumping unit in the event of a release. However, the E-Pot system had been damaged at some point prior to the release and failed to operate as expected. During initial response activities, both the stuffing box packing and the E-Pot system were replaced.

The release was immediately reported to the New Mexico Oil Conservation Division (NMOCD) Artesia District Office. The "Release Notification and Corrective Action" (Form C-141) indicated approximately one barrel (1 bbl) of crude oil and approximately eight barrels (8 bbls) of produced water were released, with no recovery. The release affected an area of the caliche well pad measuring approximately one thousand, one hundred square feet (1,100 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 3, Township 22 South, Range 28 East. A depth to groundwater reference map utilized by the NMOCD indicates groundwater should be encountered at approximately one hundred and fifteen feet (115') to one hundred and twenty feet (120') 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 one thousand feet (1,000') 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 one thousand feet (1,000') 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 Bass 3 Federal #4 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, ethylbenzene, toluene, 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 August 11, 2014, with NMOCD and BLM approval, remediation of the release site commenced. From August 13 through September 3, 2014, approximately one thousand, six hundred and eighty cubic yards (1,680 yd³) of impacted soil was excavated and hauled to Lea Land, Inc. (NMOCD Permit # WM-01-035), for disposal.

On August 19, 2014, nine (9) soil samples (Floor #1, Floor #2, Floor #3, Floor #4, N. Wall #1, S. Wall #1, S. Wall #2, S. Wall #3, and E. Wall #1) were collected from the floor and sidewalls of the excavation and submitted to Cardinal Laboratories in Hobbs, New Mexico, for analysis of chloride, TPH, and/or BTEX concentrations using Environmental Protection Agency (EPA) methods 4500 Cl-B, SW-846 8015M, and SW-846 8021b, respectively. Laboratory analytical results indicated chloride concentrations ranged from 128 mg/kg in soil sample S. Wall #3 to 1,010 mg/kg in soil sample N. Wall #1. TPH concentrations were less than the laboratory method detection limit (MDL) in all submitted soil samples, with the exceptions of samples S. Wall #2 and E. Wall #1, which exhibited TPH concentrations of 33.1 mg/kg and 10.9 mg/kg, respectively. BTEX constituent concentrations were less than the appropriate laboratory MDL in all submitted soil samples.

Review of laboratory analytical results indicated additional excavation was required in the area represented by soil sample N. Wall #1.

Soil sample locations are depicted in Figure #2, "Site & Sample Location Map". Laboratory analytical results are summarized in Table 1, "Concentrations of Benzene, BTEX, TPH & Chloride in Soil".

On August 20, 2014, a delineation trench (DT-1) was advanced adjacent to the Bass 3 Federal #4 wellhead to further investigate the vertical extent of impacted soil. Trench DT-1 was advanced to a total depth of approximately twenty feet (20') bgs. Soil samples were collected at two- (2) to three-foot (3') intervals and field-screened with a chloride test kit. Five (5) confirmation soil samples (DT-1 @ 11', DT-1 @ 13', DT-1 @ 15', DT-1 @ 18', and DT-1 @ 20') were submitted to the laboratory for analysis of chloride concentrations. Soil sample DT-1 @ 20' was also submitted for analysis of TPH and BTEX concentrations. Laboratory analytical results indicated chloride concentrations ranged from 320 mg/kg in soil sample DT-1 @ 18' to 1,920 mg/kg in soil sample DT-1 @ 11'. TPH and BTEX constituent concentrations in soil sample DT-1 @ 20' were less than the appropriate laboratory MDL.

During the course of remediation activities, it was discovered that the release had impacted a backfilled trench associated with the drilling of the Bass 3 Federal #4 well. The trench measured approximately eighty feet (80') in length, approximately twelve feet (12') in width, and ranged in depth from approximately two and one-half feet (2.5') bgs in the easternmost section of the trench to four feet (4') bgs in the westernmost section. The floor of the trench had been lined with an impermeable, polyurethane plastic liner in an attempt to encapsulate contaminated material from the drilling pit. The liner ran the length of the encapsulation trench and extended partway up the north and south walls. The east and west walls of the encapsulation trench were left unlined. The pit was later covered with a thin layer of caliche during construction of the well pad.

As remediation activities progressed, the encapsulation trench area was excavated to approximately two and one-half feet (2.5') bgs. The liner was left in-situ with NMOCD and BLM approval.

On August 26, 2014, a second delineation trench (DT-2) was advanced in the floor of the excavation in the westernmost corner of the encapsulation trench. Trench DT-2 was advanced to a total depth of approximately twenty-one feet (21') bgs. Soil samples were collected at one- (1) to three-foot (3') intervals and field-screened with a chloride test kit. Seven (7) confirmation soil samples (DT-2 @ 6', DT-2 @ 8', DT-2 @ 13', DT-2 @ 15', DT-2 @ 17', DT-2 @ 20', and DT-2 @ 21') were submitted to the laboratory for analysis of chloride concentrations. Soil sample DT-2 @ 21' was also submitted for analysis of TPH and BTEX concentrations. Laboratory analytical results indicated chloride concentrations ranged from 352 mg/kg in soil sample DT-2 @ 21' to 19,000 mg/kg in soil sample DT-2 @ 8'. TPH and BTEX constituent concentrations in soil sample DT-2 @ 21' were less than the appropriate laboratory MDL.

Field-screen and laboratory analytical results indicated vertical delineation of both the release and the encapsulation trench area had been achieved. Results of field-screens are provided in Table 2, "Field-Test Results".

On August 27, 2014, two (2) soil samples (N. Wall #2 and N. Wall #3) were collected from the sidewall of the excavation and submitted to the laboratory for analysis of chloride concentrations. Laboratory analytical results indicated chloride concentrations ranged from 592 mg/kg in soil sample N. Wall #2 to 720 mg/kg in soil sample N. Wall #3.

From August 28 through September 2, 2014, the excavation was advanced to the extent practicable to the north of the on-site pump jack and wellhead and to the east of the two-inch (2") steel flow line to the Bass Federal #1 Tank Battery.

On September 2, 2014, the excavation was advanced in the area represented by soil sample N. Wall #1. A total of seven (7) soil samples (N. Wall #1a, E. Wall #2, W. Wall #1, W. Wall #2, Floor #5a, Floor #6, and Floor #7) were collected from the floor and sidewalls of the excavation and submitted to the laboratory for analysis of chloride concentrations. Soil samples N. Wall #1a and Floor #5a were also analyzed for concentrations of TPH and BTEX. Laboratory analytical results indicated chloride concentrations ranged from 288 mg/kg in soil sample W. Wall #2 to 1,460 mg/kg in soil sample Floor #5a. TPH and BTEX constituent concentrations in soil samples N. Wall #1a and Floor #5a were less than the appropriate laboratory MDL.

Following sample collection, with NMOCD approval, the main excavation was backfilled with clean material to approximately two and one-half feet (2.5') bgs and compacted to match the elevation of the encapsulation trench excavation. A cushion of sand was installed on the floor of the excavation and encapsulation trench area in preparation for the installation of an impermeable, polyurethane plastic liner at a later date.

On September 5, 2014, a twenty-millimeter (20mm), polyurethane liner was installed on the floor of the excavation. From September 5 through September 10, 2014, approximately eighteen inches (18") of clean backfill material was placed atop the liner and covered with approximately six inches (6") of compacted caliche. Following backfill, the excavation was compacted and contoured to fit the surrounding topography.

Prior to backfilling, the final dimensions of the excavation were approximately one hundred and fifty-six feet (156') in length, varying in width from approximately twelve feet (12') to approximately sixty-two feet (62'), and varying in depth from approximately two and one-half feet (2.5') bgs in the area of the encapsulation trench to approximately four feet (4') bgs in the eastern portion of the main excavation.

4.0 QUALITY ASSURANCE/QUALITY CONTROL (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

Remediation activities conducted at the Bass 3 Federal #4 release site met the objectives set forth in the *Remediation Summary & Risk-Based Site Closure Proposal* dated September 2014. Soil samples collected from the floor and sidewalls of the excavation were analyzed by an NMOCD-approved laboratory, and concentrations of benzene, BTEX, and TPH were less than the recommended remediation action levels (RRALs) established for the site by the NMOCD.

The release site was excavated to the extent practicable. A twenty-millimeter (20mm), impermeable, polyurethane liner was installed at approximately two and one-half feet (2.5') bgs. This engineered control will help mitigate future releases and effectively inhibit vertical migration of contaminants to groundwater. In-situ soil exhibiting chloride contamination above the RRAL established for the site will be remediated upon decommission and/or abandonment of the currently active pumping unit.

Basin Environmental recommends BOPCO provide the NMOCD Artesia District Office and the BLM a copy of this *Remediation Summary & Risk-Based Site Closure Request* and request the NMOCD grant site closure to the Bass 3 Federal #4 release site.

6.0 LIMITATIONS

Basin Environmental Service Technologies, LLC, has prepared this *Remediation Summary & Risk-Based Site Closure Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. Basin Environmental has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Basin Environmental has not conducted an independent examination of the facts contained in referenced materials and statements. Basin Environmental has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Basin Environmental has prepared this report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Basin Environmental 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, NM 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

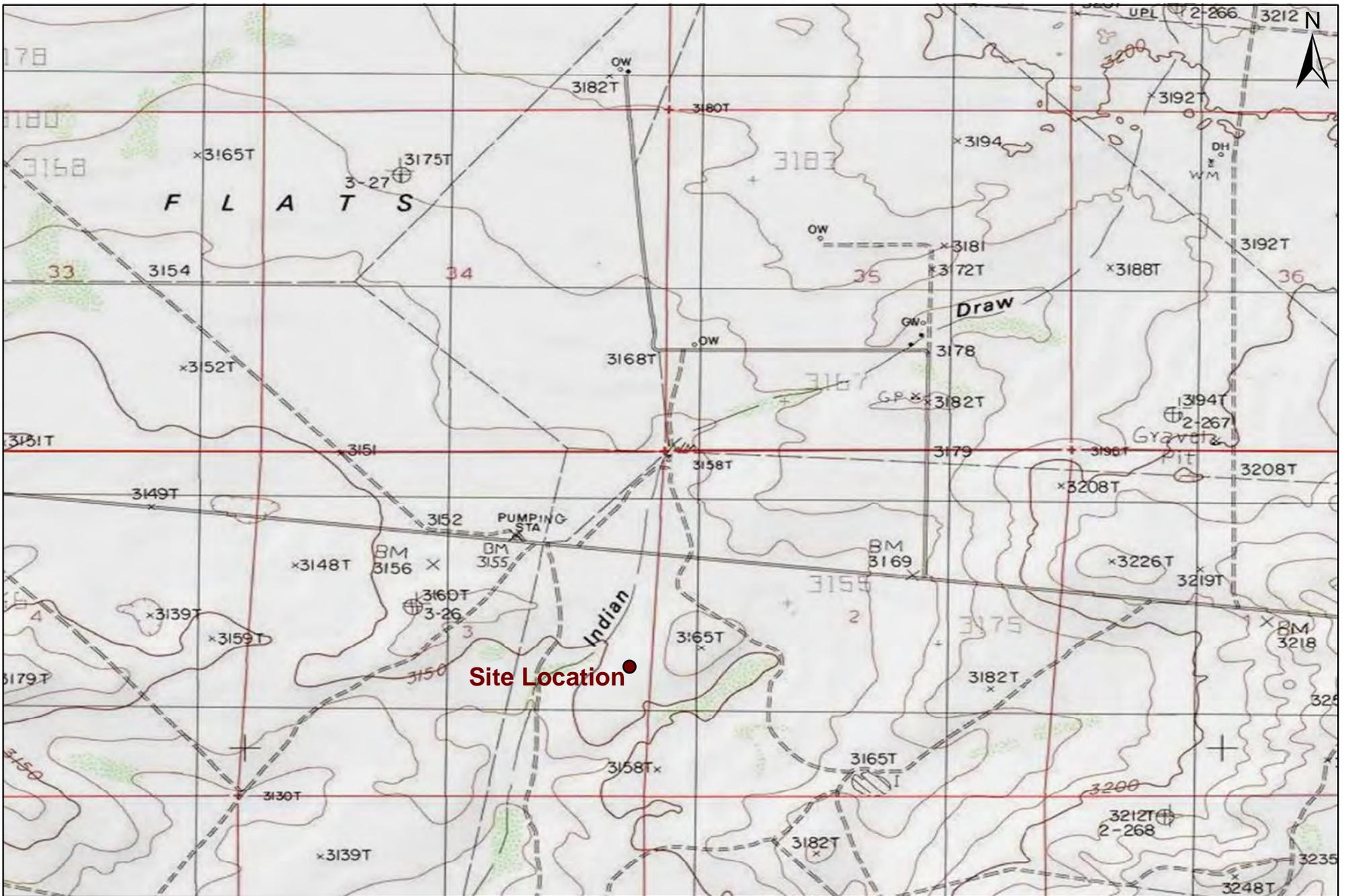
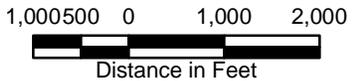
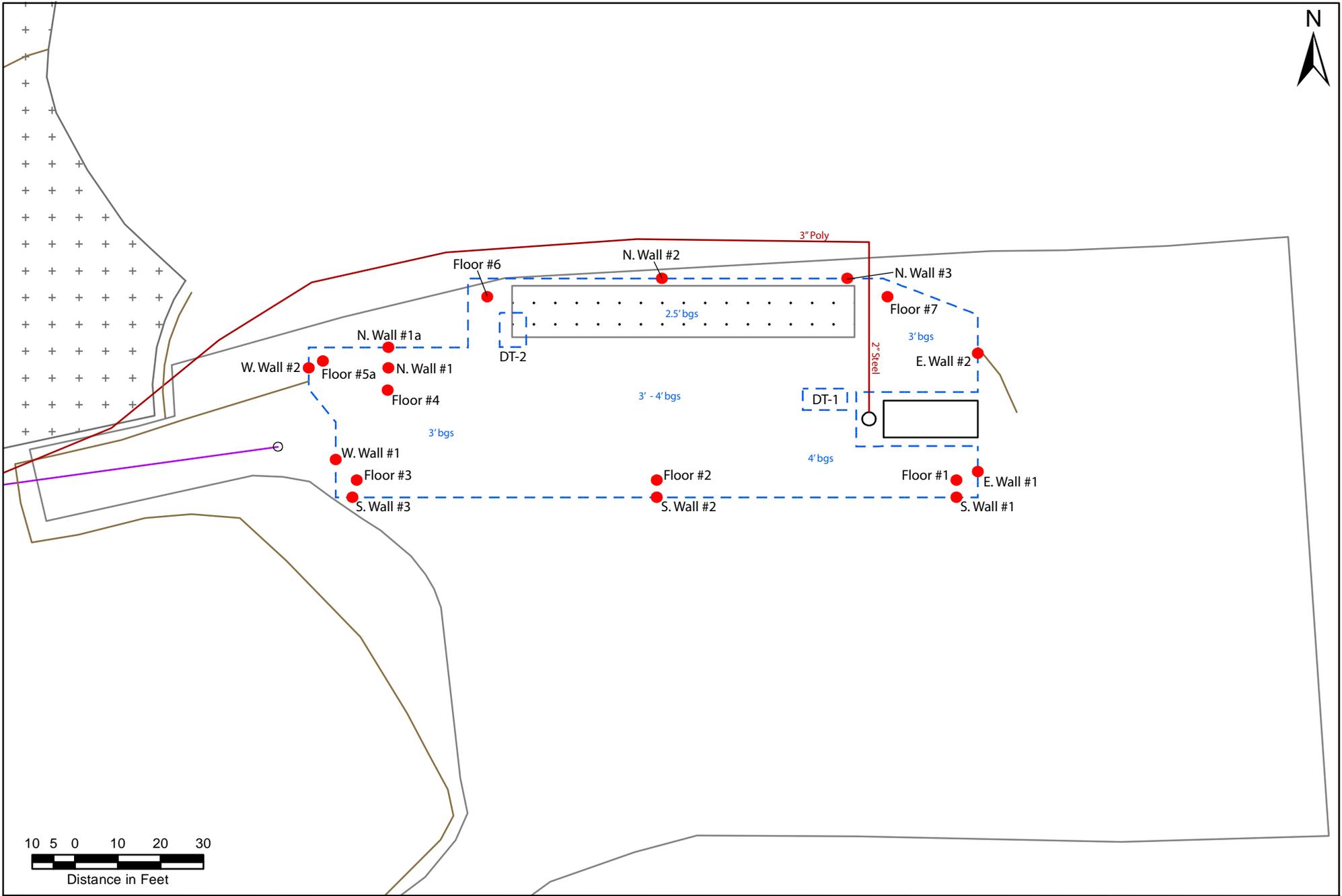


Figure 1
Site Location Map
BOPCO, LP
Bass 3 Federal Well #4
Eddy County, New Mexico
NMOCD Reference #: 2RP-2371



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

Drawn By: BJA	Checked By: BRB
August 6, 2014	Scale: 1" = 2,000'



Legend	
	Excavation Extent
	Pipeline
	Caliche Road/Pad
	Earthen Berm
	Electrical Line
	Sample Location
	2007 Excavation
	Historic Pit

Figure 2
Site & Sample Location Map
BOPCO, LP
Bass 3 Federal Well #4
Eddy County, New Mexico
NMOCD Reference #: 2RP-2371



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

Drawn By: BJA	Checked By: HST
September 16, 2014	Scale: 1" = 30'

Tables

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

**BOPCO, LP
BASS 3 FEDERAL #4
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: 2RP-2371**

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)		
Floor #1	4'	8/19/2014	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<20.0	<20.0	<20.0	<20.0	400
Floor #2	4'	8/19/2014	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	192
Floor #3	3'	8/19/2014	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	304
Floor #4	3'	8/19/2014	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	960
N. Wall #1	2'	8/19/2014	Excavated	-	-	-	-	-	-	-	-	-	1,010
S. Wall #1	3'	8/19/2014	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	720
S. Wall #2	3'	8/19/2014	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	22.3	10.8	33.1	352
S. Wall #3	2'	8/19/2014	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
E. Wall #1	3'	8/19/2014	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.9	<10.0	10.9	336
DT-1 @ 11'	11'	8/20/2014	In-Situ	-	-	-	-	-	-	-	-	-	1,920
DT-1 @ 13'	13'	8/20/2014	In-Situ	-	-	-	-	-	-	-	-	-	1,330
DT-1 @ 15'	15'	8/20/2014	In-Situ	-	-	-	-	-	-	-	-	-	1,100
DT-1 @ 18'	18'	8/20/2014	In-Situ	-	-	-	-	-	-	-	-	-	320
DT-1 @ 20'	20'	8/20/2014	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.6	<10.0	10.6	336
DT-2 @ 6'	6'	8/26/2014	In-Situ	-	-	-	-	-	-	-	-	-	11,900
DT-2 @ 8'	8'	8/26/2014	In-Situ	-	-	-	-	-	-	-	-	-	19,000
DT-2 @ 13'	13'	8/26/2014	In-Situ	-	-	-	-	-	-	-	-	-	8,800
DT-2 @ 15'	15'	8/26/2014	In-Situ	-	-	-	-	-	-	-	-	-	2,200
DT-2 @ 17'	17'	8/26/2014	In-Situ	-	-	-	-	-	-	-	-	-	1,170
DT-2 @ 20'	20'	8/26/2014	In-Situ	-	-	-	-	-	-	-	-	-	848
DT-2 @ 21'	21'	8/26/2014	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	352
N. Wall #2	2'	8/27/2014	In-Situ	-	-	-	-	-	-	-	-	-	592
N. Wall #3	2'	8/27/2014	In-Situ	-	-	-	-	-	-	-	-	-	720

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

BOPCO, LP
BASS 3 FEDERAL #4
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: 2RP-2371

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 CI-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)		
N. Wall #1a	2'	9/2/2014	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	304
E. Wall #2	2'	9/2/2014	In-Situ	-	-	-	-	-	-	-	-	-	672
W. Wall #1	2'	9/2/2014	In-Situ	-	-	-	-	-	-	-	-	-	800
W. Wall #2	2'	9/2/2014	In-Situ	-	-	-	-	-	-	-	-	-	288
Floor #5a	3'	9/2/2014	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,460
Floor #6	2.5'	9/2/2014	In-Situ	-	-	-	-	-	-	-	-	-	752
Floor #7	3'	9/2/2014	In-Situ	-	-	-	-	-	-	-	-	-	496
NMOCD Recommended Remediation Action Level				10				50				5,000	1,000

- = Not analyzed.

**TABLE 2
FIELD-TEST RESULTS**

**BOPCO, LP
BASS 3 FEDERAL #4
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: 2RP-2371**

SAMPLE LOCATION	SAMPLE DEPTH (Below Ground Surface)	SAMPLE DATE	Hach Quantab
			CHLORIDE (mg/Kg)
DT-1 @ 5'	5'	8/20/2014	3,664
DT-1 @ 8'	8'	8/20/2014	5,124
DT-1 @ 11'	11'	8/20/2014	1,796
DT-1 @ 13'	13'	8/20/2014	1,256
DT-1 @ 15'	15'	8/20/2014	864
DT-1 @ 18'	18'	8/20/2014	312
DT-1 @ 20'	20'	8/20/2014	312
DT-2 @ 6'	6'	8/26/2014	11,980
DT-2 @ 8'	8'	8/26/2014	17,844
DT-2 @ 10'	10'	8/26/2014	11,980
DT-2 @ 13'	13'	8/26/2014	9,168
DT-2 @ 15'	15'	8/26/2014	2,472
DT-2 @ 17'	17'	8/26/2014	1,008
DT-2 @ 18'	18'	8/26/2014	1,084
DT-2 @ 20'	20'	8/26/2014	932
DT-2 @ 21'	21'	8/26/2014	392

Appendices

Appendix A
Release Notification &
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
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

n HMP 14/9931221

OPERATOR		<input checked="" type="checkbox"/> Initial Report	<input type="checkbox"/> 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: Bass 3 Federal #4		Facility Type: Exploration and Production	
Surface Owner: Federal	Mineral Owner: Federal	API No. 30-015-28736	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	3	22S	28E	1980	South	330	East	Eddy

Latitude N 32.420218 Longitude W 104.067417

NATURE OF RELEASE

Type of Release: Crude oil and produced water	Volume of Release: 1 bbl oil and 8 bbls PW water	Volume Recovered: None
Source of Release: Pump Jack stuffing box packing	Date and Hour of Occurrence: 6/22/14 time unknown	Date and Hour of Discovery: 6/22/14 at approximately 11:20 a.m.
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

NM OIL CONSERVATION

If a Watercourse was Impacted, Describe Fully.*

ARTESIA DISTRICT
JUL 10 2014

RECEIVED

Describe Cause of Problem and Remedial Action Taken.*
The stuffing box packing failed releasing the fluid. The pump jack was equipped with an E-Pot designed to contain and shut down the pumping unit in the event of a release. The E-pot had been damaged and did not operate properly. The packing was replaced and the E-pot was replaced and tested on 6/23/14.

Describe Area Affected and Cleanup Action Taken.*
The release impacted approximately 1100 sq.ft. of caliche well pad. All of the fluid soaked into the ground and has been left as is until the area can be cleaned up in accordance to the NMOCD and BLM remediation guidelines.

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: <i>[Signature]</i>	
Title: Waste Management and Remediation Specialist		Approval Date: <i>7/10/14</i>	Expiration Date: <i>NA</i>
E-mail Address: <i>tasavoic@basspet.com</i>		Conditions of Approval: Remediation per OCD Rule & Guidelines, & like approval by BLM. SUBMIT REMEDIATION	
Date: 7/10/14	Phone: 432-556-8730	Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary

PROPOSAL NO LATER THAN:

8/18/14

ZRP-2371

Appendix B
Photographs



Bass 3 Federal #4 - Release Site (Looking West)



Bass 3 Federal #4 - Excavation (Looking West)



Bass 3 Federal #4 – Excavation (Looking East-Northeast)



Bass 3 Federal #4 – Excavation (Looking Northeast)



Bass 3 Federal #4 – Delineation Trench DT-1



Bass 3 Federal #4 – Delineation Trench DT-2 (Looking North)



Bass 3 Federal #4 – Liner Installation (Looking West)



Bass 3 Federal #4 – Liner Installation (Looking South-Southwest)



Bass 3 Federal #4 – Backfilled Excavation (Looking Northeast)



Bass 3 Federal #4 – Backfilled Excavation (Looking Northeast)

Appendix C
Laboratory Analytical Reports



August 27, 2014

BEN J. ARGUIJO

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: BASS 3 FEDERAL #4

Enclosed are the results of analyses for samples received by the laboratory on 08/20/14 10:30.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

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:	08/20/2014	Sampling Date:	08/19/2014
Reported:	08/27/2014	Sampling Type:	Soil
Project Name:	BASS 3 FEDERAL #4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY CO, NM		

Sample ID: FLOOR #1 (H402548-01)

BTEX 8021B		mg/kg		Analyzed By: ck						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2014	ND	1.82	91.1	2.00	6.10		
Toluene*	<0.050	0.050	08/26/2014	ND	1.70	84.9	2.00	5.49		
Ethylbenzene*	<0.050	0.050	08/26/2014	ND	1.92	95.8	2.00	4.27		
Total Xylenes*	<0.150	0.150	08/26/2014	ND	5.67	94.5	6.00	4.97		
Total BTEX	<0.300	0.300	08/26/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	08/21/2014	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<20.0	20.0	08/26/2014	ND	200	100	200	3.05		
DRO >C10-C28	<20.0	20.0	08/26/2014	ND	215	108	200	5.60		
EXT DRO >C28-C35	<20.0	20.0	08/26/2014	ND						

Surrogate: 1-Chlorooctane 127 % 65.2-140

Surrogate: 1-Chlorooctadecane 143 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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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: 08/20/2014
 Reported: 08/27/2014
 Project Name: BASS 3 FEDERAL #4
 Project Number: NONE GIVEN
 Project Location: EDDY CO, NM

 Sampling Date: 08/19/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: FLOOR #2 (H402548-02)

BTEX 8021B		mg/kg		Analyzed By: ck						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2014	ND	1.82	91.1	2.00	6.10		
Toluene*	<0.050	0.050	08/26/2014	ND	1.70	84.9	2.00	5.49		
Ethylbenzene*	<0.050	0.050	08/26/2014	ND	1.92	95.8	2.00	4.27		
Total Xylenes*	<0.150	0.150	08/26/2014	ND	5.67	94.5	6.00	4.97		
Total BTEX	<0.300	0.300	08/26/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	08/21/2014	ND	416	104	400	3.92		

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	08/26/2014	ND	200	100	200	3.05		
DRO >C10-C28	<10.0	10.0	08/26/2014	ND	215	108	200	5.60		
EXT DRO >C28-C35	<10.0	10.0	08/26/2014	ND						

Surrogate: 1-Chlorooctane 131 % 65.2-140

Surrogate: 1-Chlorooctadecane 144 % 63.6-154

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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: 08/20/2014
 Reported: 08/27/2014
 Project Name: BASS 3 FEDERAL #4
 Project Number: NONE GIVEN
 Project Location: EDDY CO, NM

 Sampling Date: 08/19/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: FLOOR #3 (H402548-03)

BTEX 8021B		mg/kg		Analyzed By: ck						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2014	ND	1.82	91.1	2.00	6.10		
Toluene*	<0.050	0.050	08/26/2014	ND	1.70	84.9	2.00	5.49		
Ethylbenzene*	<0.050	0.050	08/26/2014	ND	1.92	95.8	2.00	4.27		
Total Xylenes*	<0.150	0.150	08/26/2014	ND	5.67	94.5	6.00	4.97		
Total BTEX	<0.300	0.300	08/26/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	08/21/2014	ND	416	104	400	3.92		

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	08/26/2014	ND	200	100	200	3.05		
DRO >C10-C28	<10.0	10.0	08/26/2014	ND	215	108	200	5.60		
EXT DRO >C28-C35	<10.0	10.0	08/26/2014	ND						

Surrogate: 1-Chlorooctane 123 % 65.2-140

Surrogate: 1-Chlorooctadecane 139 % 63.6-154

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Analytical Results For:

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

 Received: 08/20/2014
 Reported: 08/27/2014
 Project Name: BASS 3 FEDERAL #4
 Project Number: NONE GIVEN
 Project Location: EDDY CO, NM

 Sampling Date: 08/19/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: FLOOR #4 (H402548-04)

BTEX 8021B		mg/kg		Analyzed By: ck						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2014	ND	1.82	91.1	2.00	6.10		
Toluene*	<0.050	0.050	08/26/2014	ND	1.70	84.9	2.00	5.49		
Ethylbenzene*	<0.050	0.050	08/26/2014	ND	1.92	95.8	2.00	4.27		
Total Xylenes*	<0.150	0.150	08/26/2014	ND	5.67	94.5	6.00	4.97		
Total BTEX	<0.300	0.300	08/26/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	960	16.0	08/21/2014	ND	416	104	400	3.92		

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	08/26/2014	ND	200	100	200	3.05		
DRO >C10-C28	<10.0	10.0	08/26/2014	ND	215	108	200	5.60		
EXT DRO >C28-C35	<10.0	10.0	08/26/2014	ND						

Surrogate: 1-Chlorooctane 121 % 65.2-140

Surrogate: 1-Chlorooctadecane 139 % 63.6-154

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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: 08/20/2014
 Reported: 08/27/2014
 Project Name: BASS 3 FEDERAL #4
 Project Number: NONE GIVEN
 Project Location: EDDY CO, NM

 Sampling Date: 08/19/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: N. WALL #1 (H402548-05)
Chloride, SM4500Cl-B
mg/kg
Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	08/21/2014	ND	416	104	400	3.92	

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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: 08/20/2014
 Reported: 08/27/2014
 Project Name: BASS 3 FEDERAL #4
 Project Number: NONE GIVEN
 Project Location: EDDY CO, NM

 Sampling Date: 08/19/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S. WALL #1 (H402548-06)

BTEX 8021B		mg/kg		Analyzed By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2014	ND	1.82	91.1	2.00	6.10	
Toluene*	<0.050	0.050	08/26/2014	ND	1.70	84.9	2.00	5.49	
Ethylbenzene*	<0.050	0.050	08/26/2014	ND	1.92	95.8	2.00	4.27	
Total Xylenes*	<0.150	0.150	08/26/2014	ND	5.67	94.5	6.00	4.97	
Total BTEX	<0.300	0.300	08/26/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	08/21/2014	ND	416	104	400	3.92	

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	08/26/2014	ND	200	100	200	3.05	
DRO >C10-C28	<10.0	10.0	08/26/2014	ND	215	108	200	5.60	
EXT DRO >C28-C35	<10.0	10.0	08/26/2014	ND					

Surrogate: 1-Chlorooctane 124 % 65.2-140

Surrogate: 1-Chlorooctadecane 138 % 63.6-154

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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: 08/20/2014
 Reported: 08/27/2014
 Project Name: BASS 3 FEDERAL #4
 Project Number: NONE GIVEN
 Project Location: EDDY CO, NM

 Sampling Date: 08/19/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S. WALL #2 (H402548-07)

BTEX 8021B		mg/kg		Analyzed By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2014	ND	1.82	91.1	2.00	6.10	
Toluene*	<0.050	0.050	08/26/2014	ND	1.70	84.9	2.00	5.49	
Ethylbenzene*	<0.050	0.050	08/26/2014	ND	1.92	95.8	2.00	4.27	
Total Xylenes*	<0.150	0.150	08/26/2014	ND	5.67	94.5	6.00	4.97	
Total BTEX	<0.300	0.300	08/26/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	08/21/2014	ND	416	104	400	3.92	

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	08/27/2014	ND	200	100	200	3.05	
DRO >C10-C28	22.3	10.0	08/27/2014	ND	215	108	200	5.60	
EXT DRO >C28-C35	10.8	10.0	08/27/2014	ND					

Surrogate: 1-Chlorooctane 120 % 65.2-140

Surrogate: 1-Chlorooctadecane 129 % 63.6-154

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*=Accredited Analyte

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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: 08/20/2014
 Reported: 08/27/2014
 Project Name: BASS 3 FEDERAL #4
 Project Number: NONE GIVEN
 Project Location: EDDY CO, NM

 Sampling Date: 08/19/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S. WALL #3 (H402548-08)

BTEX 8021B		mg/kg		Analyzed By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2014	ND	1.82	91.1	2.00	6.10	
Toluene*	<0.050	0.050	08/26/2014	ND	1.70	84.9	2.00	5.49	
Ethylbenzene*	<0.050	0.050	08/26/2014	ND	1.92	95.8	2.00	4.27	
Total Xylenes*	<0.150	0.150	08/26/2014	ND	5.67	94.5	6.00	4.97	
Total BTEX	<0.300	0.300	08/26/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/21/2014	ND	416	104	400	3.92	

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	08/27/2014	ND	200	100	200	3.05	
DRO >C10-C28	<10.0	10.0	08/27/2014	ND	215	108	200	5.60	
EXT DRO >C28-C35	<10.0	10.0	08/27/2014	ND					

Surrogate: 1-Chlorooctane 124 % 65.2-140

Surrogate: 1-Chlorooctadecane 139 % 63.6-154

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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: 08/20/2014
 Reported: 08/27/2014
 Project Name: BASS 3 FEDERAL #4
 Project Number: NONE GIVEN
 Project Location: EDDY CO, NM

 Sampling Date: 08/19/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: E. WALL #1 (H402548-09)

BTEX 8021B		mg/kg		Analyzed By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2014	ND	1.82	91.1	2.00	6.10	
Toluene*	<0.050	0.050	08/26/2014	ND	1.70	84.9	2.00	5.49	
Ethylbenzene*	<0.050	0.050	08/26/2014	ND	1.92	95.8	2.00	4.27	
Total Xylenes*	<0.150	0.150	08/26/2014	ND	5.67	94.5	6.00	4.97	
Total BTEX	<0.300	0.300	08/26/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	08/21/2014	ND	416	104	400	3.92	

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	08/27/2014	ND	200	100	200	3.05	
DRO >C10-C28	10.9	10.0	08/27/2014	ND	215	108	200	5.60	
EXT DRO >C28-C35	<10.0	10.0	08/27/2014	ND					

Surrogate: 1-Chlorooctane 117 % 65.2-140

Surrogate: 1-Chlorooctadecane 134 % 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

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





August 28, 2014

BEN J. ARGUIJO

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: BASS 3 FEDERAL #4

Enclosed are the results of analyses for samples received by the laboratory on 08/22/14 13:45.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

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:	08/22/2014	Sampling Date:	08/20/2014
Reported:	08/28/2014	Sampling Type:	Soil
Project Name:	BASS 3 FEDERAL #4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY CO, NM		

Sample ID: DT-1 @ 11' (H402592-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	08/26/2014	ND	400	100	400	3.92	

Sample ID: DT-1 @ 13' (H402592-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1330	16.0	08/26/2014	ND	400	100	400	3.92	

Sample ID: DT-1 @ 15' (H402592-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	08/26/2014	ND	400	100	400	3.92	

Sample ID: DT-1 @ 18' (H402592-04)

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	08/26/2014	ND	400	100	400	3.92	

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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: 08/22/2014
 Reported: 08/28/2014
 Project Name: BASS 3 FEDERAL #4
 Project Number: NONE GIVEN
 Project Location: EDDY CO, NM

 Sampling Date: 08/20/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: DT-1 @ 20' (H402592-05)

BTEX 8021B		mg/kg		Analyzed By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2014	ND	1.89	94.6	2.00	2.67	
Toluene*	<0.050	0.050	08/27/2014	ND	1.74	87.0	2.00	2.01	
Ethylbenzene*	<0.050	0.050	08/27/2014	ND	1.99	99.5	2.00	3.12	
Total Xylenes*	<0.150	0.150	08/27/2014	ND	5.95	99.2	6.00	3.35	
Total BTEX	<0.300	0.300	08/27/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	08/26/2014	ND	400	100	400	3.92	

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	08/27/2014	ND	200	99.9	200	1.16	
DRO >C10-C28	10.6	10.0	08/27/2014	ND	205	103	200	0.134	
EXT DRO >C28-C35	<10.0	10.0	08/27/2014	ND					

Surrogate: 1-Chlorooctane 120 % 65.2-140

Surrogate: 1-Chlorooctadecane 137 % 63.6-154

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



Celey D. Keene, Lab Director/Quality Manager



September 03, 2014

BEN J. ARGUIJO

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: BASS 3 FEDERAL #4

Enclosed are the results of analyses for samples received by the laboratory on 08/28/14 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,

A handwritten signature in black ink that reads "Celey D. Keene".

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:	08/28/2014	Sampling Date:	08/26/2014
Reported:	09/03/2014	Sampling Type:	Soil
Project Name:	BASS 3 FEDERAL #4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY CO, NM		

Sample ID: DT-2 @ 6' (H402650-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11900	16.0	08/29/2014	ND	400	100	400	3.92	

Sample ID: DT-2 @ 8' (H402650-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	19000	16.0	08/29/2014	ND	400	100	400	3.92	

Sample ID: DT-2 @ 13' (H402650-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8800	16.0	08/29/2014	ND	400	100	400	3.92	

Sample ID: DT-2 @ 15' (H402650-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	08/29/2014	ND	400	100	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

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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: 08/28/2014
 Reported: 09/03/2014
 Project Name: BASS 3 FEDERAL #4
 Project Number: NONE GIVEN
 Project Location: EDDY CO, NM

 Sampling Date: 08/26/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: DT-2 @ 17' (H402650-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	08/29/2014	ND	400	100	400	3.92	

Sample ID: DT-2 @ 20' (H402650-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	08/29/2014	ND	400	100	400	3.92	

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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:	08/28/2014	Sampling Date:	08/26/2014
Reported:	09/03/2014	Sampling Type:	Soil
Project Name:	BASS 3 FEDERAL #4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY CO, NM		

Sample ID: DT-2 @ 21' (H402650-07)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/02/2014	ND	1.71	85.6	2.00	10.8		
Toluene*	<0.050	0.050	09/02/2014	ND	1.58	78.9	2.00	10.1		
Ethylbenzene*	<0.050	0.050	09/02/2014	ND	1.76	87.8	2.00	11.2		
Total Xylenes*	<0.150	0.150	09/02/2014	ND	5.24	87.3	6.00	11.1		
Total BTEX	<0.300	0.300	09/02/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	08/29/2014	ND	400	100	400	3.92		

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	08/30/2014	ND	177	88.7	200	9.49		
DRO >C10-C28	<10.0	10.0	08/30/2014	ND	180	90.0	200	14.2		
EXT DRO >C28-C35	<10.0	10.0	08/30/2014	ND						

Surrogate: 1-Chlorooctane 109 % 65.2-140

Surrogate: 1-Chlorooctadecane 133 % 63.6-154

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

September 03, 2014

BEN J. ARGUIJO

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: BASS 3 FEDERAL #4

Enclosed are the results of analyses for samples received by the laboratory on 08/28/14 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.

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

 Received: 08/28/2014
 Reported: 09/03/2014
 Project Name: BASS 3 FEDERAL #4
 Project Number: NONE GIVEN
 Project Location: EDDY CO, NM

 Sampling Date: 08/27/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: N. WALL #2 (H402649-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	08/29/2014	ND	400	100	400	3.92	

Sample ID: N. WALL #3 (H402649-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	08/29/2014	ND	400	100	400	3.92	

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



Celey D. Keene, Lab Director/Quality Manager



September 15, 2014

BEN J. ARGUIJO

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: BASS 3 FEDERAL #4

Enclosed are the results of analyses for samples received by the laboratory on 09/04/14 16:48.

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.

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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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

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:	09/04/2014	Sampling Date:	09/02/2014
Reported:	09/15/2014	Sampling Type:	Soil
Project Name:	BASS 3 FEDERAL #4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY CO, NM		

Sample ID: W. WALL #1 (H402756-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	09/10/2014	ND	432	108	400	3.77	

Sample ID: W. WALL #2 (H402756-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	09/10/2014	ND	432	108	400	3.77	

Sample ID: N. WALL #1A (H402756-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2014	ND	1.83	91.7	2.00	13.4	
Toluene*	<0.050	0.050	09/11/2014	ND	1.65	82.5	2.00	14.4	
Ethylbenzene*	<0.050	0.050	09/11/2014	ND	1.73	86.7	2.00	14.7	
Total Xylenes*	<0.150	0.150	09/11/2014	ND	5.36	89.3	6.00	14.8	
Total BTEX	<0.300	0.300	09/11/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	09/10/2014	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Cardinal Laboratories

* = Accredited Analyte

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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: 09/04/2014
 Reported: 09/15/2014
 Project Name: BASS 3 FEDERAL #4
 Project Number: NONE GIVEN
 Project Location: EDDY CO, NM

 Sampling Date: 09/02/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: N. WALL #1A (H402756-03)

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	09/08/2014	ND	157	78.7	200	3.06	
DRO >C10-C28	<10.0	10.0	09/08/2014	ND	182	90.8	200	10.2	
EXT DRO >C28-C35	<10.0	10.0	09/08/2014	ND					
<i>Surrogate: 1-Chlorooctane</i>	<i>91.7 %</i>	<i>65.2-140</i>							
<i>Surrogate: 1-Chlorooctadecane</i>	<i>97.7 %</i>	<i>63.6-154</i>							

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*=Accredited Analyte

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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: 09/04/2014
 Reported: 09/15/2014
 Project Name: BASS 3 FEDERAL #4
 Project Number: NONE GIVEN
 Project Location: EDDY CO, NM

 Sampling Date: 09/02/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: FLOOR #5A (H402756-04)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2014	ND	1.81	90.4	2.00	11.1		
Toluene*	<0.050	0.050	09/12/2014	ND	1.69	84.4	2.00	8.52		
Ethylbenzene*	<0.050	0.050	09/12/2014	ND	1.77	88.3	2.00	8.79		
Total Xylenes*	<0.150	0.150	09/12/2014	ND	5.41	90.2	6.00	9.70		
Total BTEX	<0.300	0.300	09/12/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1460	16.0	09/10/2014	ND	432	108	400	3.77		

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	09/12/2014	ND	179	89.5	200	4.85		
DRO >C10-C28	<10.0	10.0	09/12/2014	ND	179	89.6	200	8.57		
EXT DRO >C28-C35	<10.0	10.0	09/12/2014	ND						

Surrogate: 1-Chlorooctane 104 % 65.2-140

Surrogate: 1-Chlorooctadecane 115 % 63.6-154

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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: 09/04/2014
 Reported: 09/15/2014
 Project Name: BASS 3 FEDERAL #4
 Project Number: NONE GIVEN
 Project Location: EDDY CO, NM

 Sampling Date: 09/02/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: E. WALL #2 (H402756-05)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	09/10/2014	ND	432	108	400	3.77	

Sample ID: FLOOR #6 (H402756-06)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	09/10/2014	ND	432	108	400	3.77	

Sample ID: FLOOR #7 (H402756-07)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	09/10/2014	ND	432	108	400	3.77	

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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



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: Ben Arguijo		P.O. #:		Chloride TPH (8015M) BTEX (8021B)					
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: BOPCO		City: Carlsbad							
Project Name: Bass 3 Federal #4		State: NM Zip: 88220							
Project Location: Eddy Co., NM		Phone #: (432)556-8730							
Sampler Name: Steve Taylor		Fax #:							

FOR LAB USE ONLY	Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.		SAMPLING		DATE	TIME							
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE/COOL	OTHER:									
	H402756																					
	1	W. Wall #1	G	1		X					X			9/2/14	1000	X						
	2	W. Wall #2	G	1		X					X			9/2/14	1015	X						
	3	N. Wall #1a	G	1		X					X			9/2/14	1030	X	X	X				
	4	Floor #5a	G	1		X					X			9/2/14	1045	X	X	X			added 9/11	
	5	E. Wall #2	G	1		X					X			9/2/14	1210	X						
	6	Floor #6	G	1		X					X			9/2/14	1230	X						
	7	Floor #7	G	1		X					X			9/2/14	1300	X						

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Relinquished By: <i>Steve Taylor</i>	Date: 9/3/14 Time: 1700	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By: <i>[Signature]</i>	Date: 9/4/14 Time: 1515	Received By: <i>Jamie Curtis</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) 4:47 Sampler - UPS - Bus - Other:	Sample Condition: 4.6° Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: <i>[Signature]</i>	REMARKS: ****Run TPH & BTEX on Floor sample w/ highest Chloride result**** Please email results to Ben Arguijo, Tony Savoie, Amy Ruth, and Jody Walters	

2014-09-04 9/4/14

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