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REMEDIATION SUMMARY & SITE CLOSURE REQUEST

BOPCO, LP BASS 3 FEDERAL BATTERY #1

Eddy County, New Mexico Unit Letter "P" (NE/SE), Section 3, Township 22 South, Range 28 East Latitude 32.415370° North, Longitude 104.06990° West

2RP- 996

2RP-997

2 RP- 1102

BOPCO, LP

Prepared For:

2RP-1103

522 W. Mermod, Suite 704 Carlsbad, New Mexico 88220

Prepared By:

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

August 2013

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NMOCD ARTESIA

Ben J. Arguijo Project Manager

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1.0 INTRODUCTION & BACKGROUND INFORMATION

Basin Environmental Service Technologies, LLC (Basin Environmental), 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 Battery #1. The legal description of the release site is Unit Letter "P" (SE/SE), Section 3, Township 22 South, Range 28 East, in Eddy County, New Mexico. The geographic coordinates of the release site are 32.415370° North latitude and 104.06990° 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 January 3, 2012, BOPCO discovered a release (Release #1) had occurred at Bass 3 Federal Battery #1. A hole in the bottom of an on-site production tank resulted in a release of crude oil. The release was confined to the earthen containment area surrounding the tank battery.

The release was reported to the New Mexico Oil Conservation Division (NMOCD) Artesia District Office on January 4, 2012. The "Release Notification and Corrective Action" (Form C-141) indicated approximately twenty barrels (20 bbls) of crude oil were release. During initial response activities, a vacuum truck was utilized to recover approximately five barrels (5 bbls) of crude oil. The release affected an area inside the earthen containment berm measuring approximately two thousand, four hundred and thirty square feet (2,430 ft²) and commingled with an area impacted by a series of historical releases of crude oil and produced water.

On January 11, 2012, BOPCO discovered a second release (Release #2) had occurred at Bass 3 Federal Battery #1. A two-inch (2") pipeline from the heater treater to the on-site storage tanks developed a leak, resulting in a release of crude oil and produced water. The leak was attributed to external corrosion. The release was confined to the earthen containment area surrounding the tank battery.

The release was immediately reported to the NMOCD Artesia District Office. The Form C-141 indicated approximately sixty-five barrels (65 bbls) of produced water and less than five barrels (<5 bbls) of crude oil were released. During initial response activities, a vacuum truck was utilized to recover approximately sixty barrels (60 bbls) of produced water and approximately two barrels (2 bbls) of crude oil. The release affected an area inside the earthen containment berm measuring approximately two thousand square feet (2,000 ft²) and commingled with the area impacted by Release #1.

On March 27, 2012, BOPCO discovered a third release (Release #3) had occurred at Bass 3 Federal Battery #1. Two (2) loads of produced water were unloaded into the on-site produced water tank without prior approval from BOPCO. The water transfer pump malfunctioned and failed to discharge the excess water into a nearby salt water disposal system. The excess water, combined with the nightly crude oil and water production to the facility, caused an on-site storage tank to overflow, resulting in a release of crude oil.

The release was reported to the NMOCD Artesia District Office on April 9, 2012. The Form C-141 indicated approximately fifteen barrels (15 bbls) of crude oil were released. The release impacted the area affected by Release #1 and Release #2, for which remediation activities had been completed on March 7, 2012.

On April 3, 2012, BOPCO discovered a fourth release (Release #4) had occurred at Bass 3 Federal Battery #1. A three-quarter-inch (3/4") air eliminator on the water transfer pump broke in half due to a manufacturing defect, resulting in a release of produced water. The majority of the release was confined to the impermeable polyurethane containment area surrounding the tank battery, which had been installed at the site just prior to the release.

The release was reported to the NMOCD Artesia District Office on April 9, 2012. The Form C-141 indicated approximately two hundred and eighty-five barrels (285 bbls) of produced water were released. During initial response activities, the faulty air eliminator was replaced, and a vacuum truck was utilized to recover approximately two hundred and eighty barrels (280 bbls) of produced water.

The four (4) releases were remediated concurrently. The Forms C-141 are provided as Appendix A. General photographs of the release site(s) 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). Gauging data collected from a nearby monitor well indicates the depth to groundwater is approximately one hundred and nine feet (109') 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') 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 Battery #1 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

Following initial response activities, from January 16 through January 17, 2012, three (3) soil borings (SB-1, SB-2, and SB-3) were advanced inside the earthen containment area surrounding the Bass 3 Federal Battery #1 in order to investigate the vertical extent of soil impacted by Release #1 and Release #2. Soil samples were collected at five-foot (5') drilling intervals and field-screened using a Photo-Ionization Detector (PID) and/or chloride test kit. Selected soil samples were submitted to Cardinal Laboratories in Hobbs, New Mexico, for analysis of BTEX, TPH, and/or chloride concentrations in accordance with Environmental Protection Agency (EPA) Methods SW-846 8021b, SW-846 8015M, and 4500 Cl-B, respectively. Table 1 summarizes the "Concentrations of Benzene, BTEX, TPH & Chloride in Soil". A "Site & Sample Location Map" is provided as Figure 2. Soil boring logs are provided as Appendix C. Laboratory analytical reports are provided as Appendix D.

Soil boring SB-1 was located to the east of the two (2) on-site crude oil storage tanks. The soil boring was advanced to a total depth of approximately sixty feet (60') bgs. Soil samples collected at drilling depths of five feet (5'), ten feet (10'), twenty feet (20'), thirty feet (30'), forty feet (40'), fifty-five feet (55'), and sixty feet (60') bgs were submitted to the laboratory for analysis of BTEX, TPH, and/or chloride concentrations. Laboratory analytical results indicated BTEX constituent concentrations were less than the appropriate laboratory method detection limit (MDL) in all submitted soil samples. TPH concentrations ranged from 35.4 mg/kg in soil sample SB-1 @ 60' to 3,008 mg/kg in soil sample SB-1 @ 5'. Chloride concentrations ranged from 16.0 mg/kg in soil sample SB-1 @ 60' to 1,540 mg/kg in soil sample SB-1 @ 20'.

Soil boring SB-2 was located near the on-site water transfer pump. The soil boring was advanced to a total depth of approximately one hundred feet (100') bgs. Soil samples collected at drilling depths of five feet (5'), ten feet (10'), twenty feet (20'), fifty feet (50'), seventy-five feet (75'), ninety-five feet (95'), and one hundred feet (100') bgs were submitted to the laboratory for analysis of BTEX, TPH, and/or chloride concentrations. Laboratory analytical results indicated BTEX constituent concentrations were less than the appropriate laboratory MDL in all submitted soil samples. TPH concentrations were less than the laboratory MDL in all submitted soil samples, with the exception of soil sample SB-2 @ 100', which exhibited a TPH concentration of 11.9 mg/kg. Chloride concentrations ranged from 48.0 mg/kg in soil sample SB-2 @ 95' to 2,360 mg/kg in soil sample SB-2 @ 50'.

Soil boring SB-3 was located midway between the heater treater and the westernmost produced water tank. The soil boring was advanced to a total depth of approximately forty-five feet (45') bgs. Soil samples collected at drilling depths of five feet (5'), ten feet (10'), twenty-five feet (25'), forty feet (40'), and forty-five feet (45') bgs were submitted to the laboratory for analysis of BTEX, TPH, and/or chloride concentrations. Laboratory analytical results indicated BTEX constituent concentrations were less than the appropriate laboratory MDL in all submitted soil samples. TPH concentrations were less than the laboratory MDL in all submitted soil samples, with the exception of soil sample SB-3 @ 5', which exhibited a TPH concentration of 40.9 mg/kg. Chloride concentrations ranged from 64.0 mg/kg in soil sample SB-3 @ 45' to 1,840 mg/kg in soil sample SB-3 @ 10'.

On February 21, 2012, excavation of soil impacted by Release #1 and Release #2 commenced at the site. A chloride field test kit was used to field-screen the horizontal extent of impacted soil and to guide the excavation. From February 21 through March 2, 2012, excavated soil was stockpiled on-site, pending final disposition. To preserve the structural integrity of the on-site storage tanks, the excavation was limited to a depth of six inches (6") to one foot (1') bgs. The boundaries of the excavation are depicted in Figure 2 as "Excavation 1".

From March 1 through March 2, 2012, approximately two hundred and sixty cubic yards (260 yd³) of impacted soil was transported to Lea Land, Inc. (NMOCD Permit # WM-01-035), for disposal.

On March 5, 2012, six (6) soil samples (Sample #1 through Sample #6) were collected from the floor of the excavation and submitted to the laboratory for analysis of TPH and chloride concentrations. Laboratory analytical results indicated TPH concentrations ranged from 158 mg/kg in Sample #4 to 26,130 mg/kg in Sample #3. Chloride concentrations ranged from 2,440 mg/kg in Sample #1 to 11,100 mg/kg in Sample #6. Soil sample locations are depicted in Figure 2.

Based on laboratory analytical results and field-screens, from March 5 through March 7, 2012, Excavation #1 was backfilled with non-impacted material, water-packed, and contoured to fit the surrounding grade.

On March 27, 2012, immediately following discovery of Release #3, Basin Environmental was dispatched to the location to begin excavation of the impacted soil. From March 27 through March 30, 2012, approximately two hundred and ten cubic yards (210 yd³) of visibly stained, heavily impacted soil was excavated and transported to Lea Land, Inc., for disposal. The boundaries of the excavation are depicted in Figure 2 as "Excavation 2".

On March 29, 2012, four (4) soil samples (Sample #1 through Sample #4) were collected from the floor of the excavation and submitted to the laboratory for analysis of TPH concentrations. Laboratory analytical results indicated TPH concentrations ranged from 74.6 mg/kg in Sample #2 to 621 mg/kg in Sample #1.

From March 29 through March 30, 2012, Excavation #2 was backfilled with non-impacted material, water-packed, and contoured to fit the surrounding grade.

Immediately following remediation activities, a new, steel-walled containment area was constructed around Bass 3 Federal Battery #1 to mitigate future releases. A felt liner was installed in the floor of the new containment area, and the floor and perimeter walls were coated with an impermeable, spray-on polyurethane liner. The steel perimeter walls extend approximately two feet (2') above ground surface.

On April 16, 2012, excavation of Release #4 commenced. A chloride field test kit was used to field-screen the horizontal extent of impacted soil and to guide the excavation. From April 16 through April 17, 2012, approximately one hundred and eight cubic yards (108 yd³) of impacted soil was excavated and transported to Lea Land, Inc., for disposal. The boundaries of the excavation are depicted in Figure 2 as "Excavation 3".

On April 17, 2012, five (5) soil samples (Sample #1 through Sample #5) were collected from the floor of the excavation and submitted to the laboratory for analysis of chloride concentrations. Laboratory analytical results indicated chloride concentrations ranged from 288 mg/kg in Sample #5 to 656 mg/kg in Sample #1. Soil sample locations are depicted in Figure 2.

Based on field-screens, from April 17 through April 18, 2012, Excavation #3 was backfilled with non-impacted material, water-packed, and contoured to fit the surrounding grade.

4.0 QA/QC PROCEDURES

4.1 Soil Sampling

Soil samples were delivered to Cardinal Laboratories, Inc., in Hobbs, New Mexico, for 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

The Bass 3 Federal Battery #1 releases were excavated to the extent practicable. During the course of remediation activities, a steel-walled containment area was constructed around the tank battery, and the floor and perimeter walls were coated with a spray-on polyurethane liner. This engineered control will help mitigate future releases and effectively inhibit vertical migration of contaminants to groundwater. In-situ soil exhibiting chloride and/or TPH contamination above the regulatory remediation action levels established for the site will be remediated upon decommission and/or abandonment of the currently active tank battery.

Basin Environmental recommends BOPCO provide the NMOCD Artesia District Office and BLM a copy of this *Remediation Summary & Risk-Based Site Closure Request* and request the NMOCD grant site closure to the Bass 3 Federal Battery #1 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

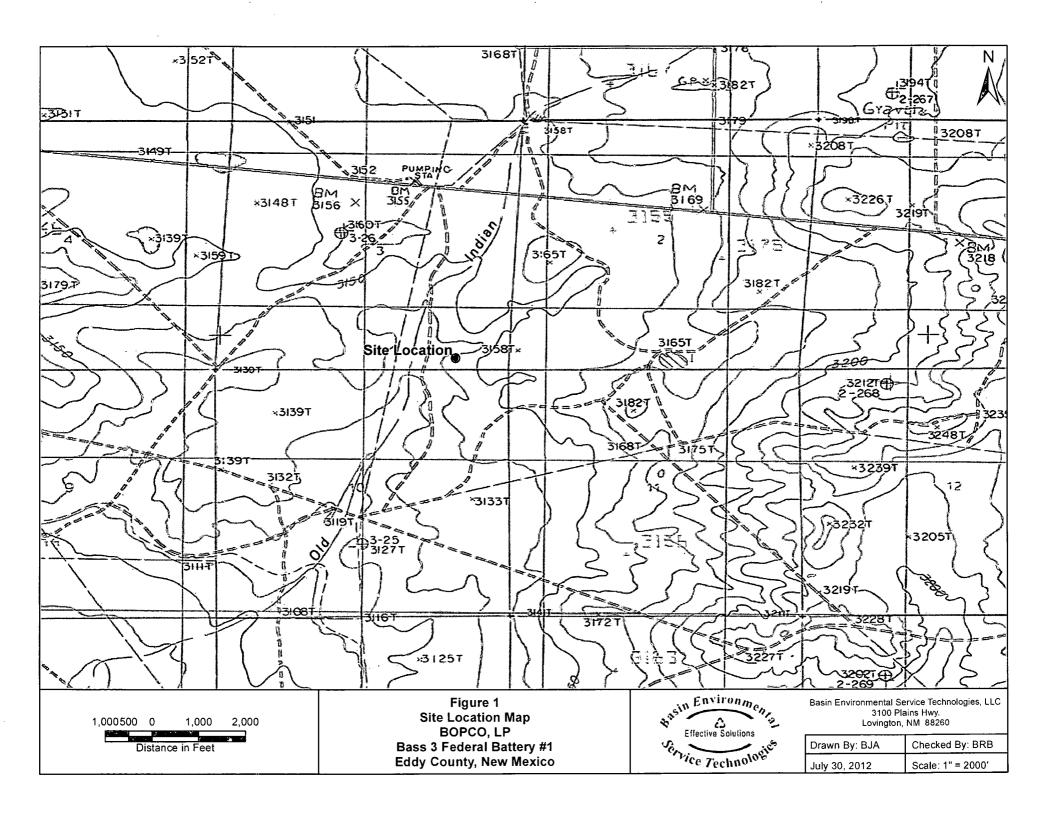
522 W. Mermod, Suite 704 Carlsbad, NM 88220

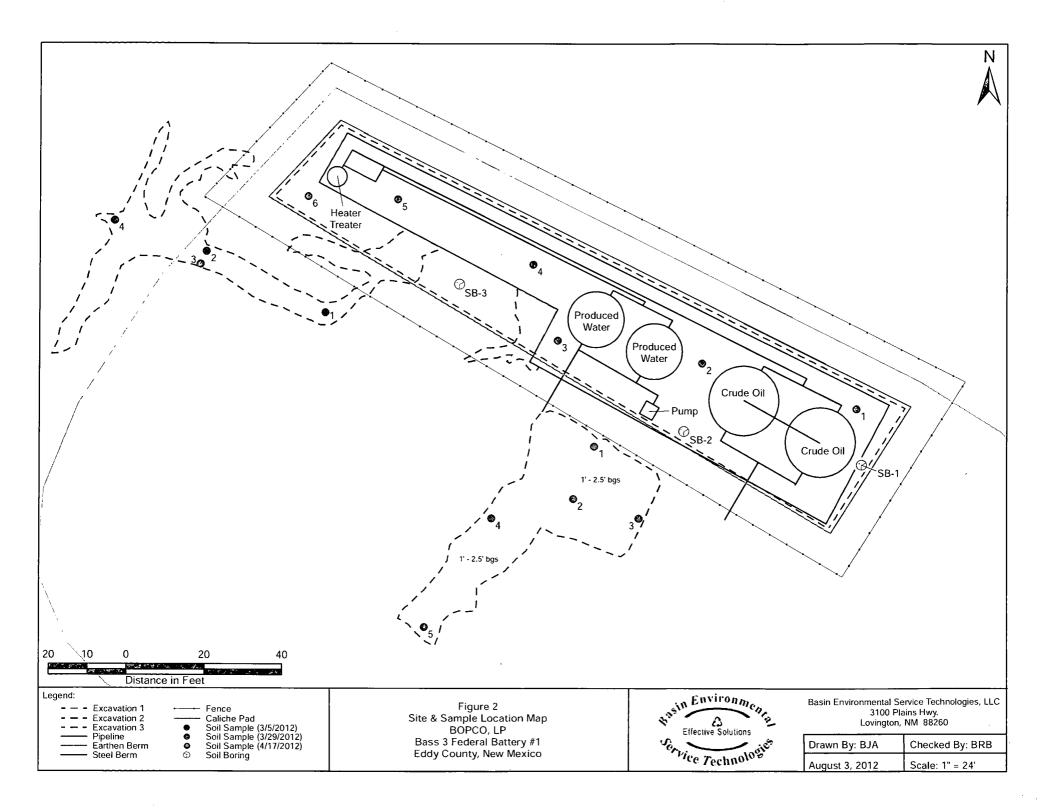
Copy 4: Basin Environmental Service Technologies, LLC

P.O. Box 301

Lovington, NM 88260

Figures





Tables

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

BOPCO, LP BASS 3 FEDERAL BATTERY #1 EDDY COUNTY, NEW MEXICO

				METHOD: EPA SW 846-8021B, 5030						THOD: 801	5M	TOTAL	E 300
SAMPLE	SAMPLE	SAMPLE	SOIL			ETHYL-	TOTAL	TOTAL	GRO	DRO	ORO	TPH	
LOCATION	DEPTH (BGS)	DATE	STATUS	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	BENZENE (mg/Kg)	XYLENES (mg/Kg)	BTEX (mg/Kg)	C ₆ -C ₁₂ (mg/Kg)	C ₁₂ -C ₂₈ (mg/Kg)	C ₂₈ -C ₃₅ (mg/Kg)	C ₆ -C ₃₅ (mg/Kg)	CHLORIDE (mg/Kg)
SB-1 @ 5'	5'	1/16/2012	In-Situ	-	-	-	-	-	394	2,300	314	3,008	-
SB-1 @ 10'	10'	1/16/2012	In-Situ	-	-	-	-	-	<10.0	79.5	33.8	113	-
SB-1 @ 20'	20'	1/16/2012	In-Situ	-	-	-	-	-	207	1,660	275	2,142	1,540
SB-1 @ 30'	30'	1/16/2012	In-Situ	< 0.050	< 0.050	<0.050	< 0.150	< 0.150	<10.0	105	24.1	129	-
SB-1 @ 40'	40'	1/16/2012	In-Situ	-	-	-	-	-	55.5	721	109	886	400
SB-1 @ 55'	55'	1/16/2012	In-Situ	-	-	-	-	-	-	-	-	-	32.0
SB-1 @ 60'	60'	1/16/2012	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.150	<10.0	16.2	19.2	35.4	16.0
SB-2 @ 5'	5'	1/17/2012	In-Situ	_	_	_	-	_	<10.0	<10.0	<10.0	<10.0	-
SB-2 @ 10'	10'	1/17/2012	In-Situ	-	-	-	-	-	<10.0	<10.0	<10.0	<10.0	-
SB-2 @ 20'	20'	1/17/2012	In-Situ	-	-	-	-	-	<10.0	<10.0	<10.0	<10.0	718
SB-2 @ 50'	50'	1/17/2012	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.150	<10.0	<10.0	<10.0	<10.0	2,360
SB-2 @ 75'	75'	1/17/2012	In-Situ	-	-	-	-	-	<10.0	<10.0	<10.0	<10.0	1,390
SB-2 @ 95'	95'	1/17/2012	In-Situ	-	-	-	-	-	-	-	-	-	48.0
SB-2 @ 100'	100'	1/17/2012	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.150	<10.0	11.9	<10.0	11.9	112
SB-3 @ 5'	5'	1/17/2012	In-Situ	-		_	-		<10.0	40.9	<10.0	40.9	-
SB-3 @ 10'	10'	1/17/2012	In-Situ		_		_		<10.0	<10.0	<10.0	<10.0	1,840
SB-3 @ 25'	25'	1/17/2012	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.150	<10.0	<10.0	<10.0	<10.0	192
SB-3 @ 40'	40'	1/17/2012	In-Situ	-	-	-	-	-	-			-	224
SB-3 @ 45'	45'	1/17/2012	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.150	<10.0	<10.0	<10.0	<10.0	64.0
Sample #1	0.5'	3/5/2012	In-Situ		_	-		_	1,100	7.180	1.140	9,420	2,440
Sample #2	0.5'	3/5/2012	In-Situ			_			3,920	11.000	1.820	16,740	2,680
Sample #3	0.5'	3/5/2012	In-Situ			-			5,360	18,300	2,470	26,130	4,240
Sample #4	0.5'	3/5/2012	In-Situ		_	_	-		<10.0	116	41.5	158	4,160
Sample #5	0.5'	3/5/2012	In-Situ	-	-	_	-	_	2,530	17,700	1,910	22,140	5,440
Sample #6	0.5'	3/5/2012	In-Situ	-	-	-	-	-	644	12,500	1,900	15,044	11,100
Sample #1	1.5'	3/29/2012	In-Situ	~	-	-	-	-	106	470	44.8	621	_
Sample #2	1.5'	3/29/2012	In-Situ			-	-	-	<10.0	58.9	15.7	74.6	-
Sample #3	1.5'	3/29/2012	In-Situ	-	-	-	-	-	<10.0	201	64.3	265	
Sample #4	1.5'	3/29/2012	In-Situ	-		-	-		61.8	460	37.5	559	
Sample #4	1.5	3/23/2012	III-Gilu		-	-	-	-	01.0	400	37.5	333	
Sample #1	2.5'	4/17/2012	In-Situ	-	-	-	-	-	-	-	-	-	656
Sample #2	2.5'	4/17/2012	In-Situ	-	-	-	-		-	-	-	-	464
Sample #3	2.5'	4/17/2012	In-Situ	-	-	-	-	-	-	-	-		576
Sample #4	2.5'	4/17/2012	In-Situ	-	-	-	4	-	-	-	-	-	480
Sample #5	2.5'	4/17/2012	In-Situ	-		-	-	-	-	-	-	-	288
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**

Oil Conservation Division 1220 South St. Francis Dr.

Form C-141 Revised October 10, 2003 Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Santa Fe, NM 87505

30-015	-253	30	Rele	ease Notifica	ation	and Co	rrective A	ctio	1	-	•		
nMUB/2	033375	597				OPERA	ror		Initia	al Report		inal Report	
Name of Co	mpany BC	PCO, L.P.	BEP			Contact Tony Savoie							
				ad, N.M. 88220			No. 432-556-873	30					
Facility Nar	ne: Bass 3	Federal Ba	tery #1]	Facility Typ	e: E&P						
Surface Ow	ner Federa	1		Mineral O	wner F	er Federal Lease No. LC-060853A							
				LOCA	TION	OF RE	LEASE				. <u></u>		
Unit Letter P	Section 3	Township 22S	Range 28E	Feet from the 230	North/South	South Line	Feet from the 1090	East/ East	West Line	County Eddy			
			I	atitude_N 32.41	15370_	Longitu	de W 104.0699	0_					
				NAT	URE	OF REL	EASE						
Type of Rele	ase: Crude	oil				Volume of Crude oil	Release: 20 Bbls	of	Volume I	Recovered: 5	bbls		
Source of Re	lease: Oil p	roduction tank			Date and I	lour of Occurrenc	e		Hour of Dis	covery			
Was Immedi	ata Natica (Siven?				1/3/12 time	unknown		1/3/12 2:	00 p.m.			
was minicul	ate Notice C		Yes [No Not Re	quired		ergency #104						
By Whom?							lour 1/4/12 2:37 p						
Was a Water	course Read		Yes 🗵] No		If YES, Vo	olume Impacting t	he Wa	tercourse.	REC	EIV	ED	
If a Waterco	urse was Im	pacted, Descr	ibe Fully.	*		,				IAN	172	012	
!												1 1	
										NMOC	D AR	TESIA	
				n Taken.* A hole			e bottom of the so	uth oil	production	tank. The ta	nk was ta	aken out of	
service the d	ay of discov	ery. The tank	was ciear	ned, repaired and co	oated or	n 1/6/12.						,	
Describe Are	a Affected	and Cleanup	Action Tal	ken.*The crude oil	was co	ntained insid	e the earthen cont	ainmer	nt. A vacuur	n truck reco	vered app	proximately	
site assessme	ae on, the re ent it was no	emailider of the	e spiii soa areas insi	aked into the groun de the containment	ia. The i	totai area ari ere obviousiv	cted by this releat	se mea	sured appro releases of	eximately 24 Crude oil an	30 sq. ft. d produc	During the ed water.	
An air rotary	rig is sched	luled for 1/9/1	2 to try as	nd define the horiz	ontal an	d vertical ex	tent of the release				a produc		
The Site rem	ediation for	the produced	water and	l crude oil spill wil is true and compl	ll follow	the NMOC	D guidelines for k	eaks an	d spills.	cuant to NM	OCD mil	ac and	
regulations a	II operators	are required to	o report a	nd/or file certain re	elease no	otifications a	nd perform correct	tive ac	tions for rel	eases which	may end	langer	
public health	or the envi	ronment. The	acceptane	ce of a C-141 report	rt by the	e NMOCD m	arked as "Final R	eport"	does not rel	ieve the one	rator of I	iability	
or the enviro	operations n	ddition, NMC	oequatery CD accer	investigate and reptance of a C-141 r	emediate report de	e contaminat oes not reliev	on that pose a three the operator of	eat to g respon	ground wate sibility for c	r, surface wa compliance v	ater, hum vith anv	nan health other	
federal, state	, or local lav	ws and/or regu	lations.							- 14			
		, _	\sim		1		OIL CON	<u>SER</u>	VATION	DIVISIO	<u> N</u>	ľ	
Signature:	10	~ 2	ruie			Annroved hy	District Supervie	QA 7	e Keseo	Pada Sila			
Printed Nam	e: Tony Say	Ole					-Dignet by Y		, John Marie		-		
		mediation Sp	ecialist			Approval Date: Expiration Date:							
				· · · · · · · · · · · · · · · · · · ·					DAPHAGOII	Duic.			
E-mail Addr	ess: 1ASavo	oie@BassPet.	com			Conditions of Approval:							
Date: 1/9/12				hone:432-556-873	Remediation per OCD Rules & Guidelines. SUBMIT REMEDIATION								
Attach Addi	tional She	ets If Necess	ary			Suidelines.	SUBMIT REMI	TVN. EDIWI	,514	JRA)_ Q(210	
					F	ROPOSAL	NOT LATER TH	TAIN.		ANI	7		
						، رد	+10ma_		•				

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

30-015	-2533	30	Rele	ease Notific	ation	and Co	rrective A	ction					
MLB120	039278	42				OPERA T	ΓOR			al Report			
Name of Co	mpany BC	OPCO, L.P.		801 BEPCO		Contact Ton							
				ad, N.M. 88220			No. 432-556-873	30					
Facility Nar	me: Bass 3	Federal Bat	tery #1		F	Facility Typ	e: E&P						
Surface Ow	ner Federa	ıl		Mineral O	wner F	ederal			Lease 1	No. LC-060853A			
				LOCA	TION	OF REI	LEASE						
Unit Letter P	Section 3	Township 22S	Range 28E	Feet from the 230		th/South Line Feet from the East/West Line County Eddy							
			I	atitude_N 32.4				0_					
				NAT NAT	URE	OF REL							
Type of Rele	ease: Crude	oil and produc	ed water			i .	Release: 65 bbls water and less than de oil.			Recovered: 60 bbls of produced 12 bbls crude oil			
Source of Re	elease: 2" lir	ne from the he	ater to the	production tanks		1	lour of Occurrence of the unknown	e	Date and 1/11/12 9	Hour of Discovery			
Was Immedi	ate Notice (Yes [No Not Re	quired	If YES, To			1/11/12/	AND WATER			
By Whom?							four 1/11/12 11:1.						
Was a Water	course Read		Yes 🗵	7 31.		If YES, Volume Impacting the Watercourse.							
		pacted, Descri	·		ne going	from the he	ater treater to the t	tanks les	aked due to	JAN 1 7 2012 NMOCD ARTESIA external corrosion. A			
Describe Are tank battery	ea Affected location. A	was placed on and Cleanup A vacuum truck	the affect Action Tal picked up	ed piece of pipe.	fluid afi	fected approxuid. Vertical	kimately 2000 sq. and horizontal ext	ft. area	inside the	earthen containment around the			
I hereby cert regulations a public health should their or the enviro	ify that the all operators or the envi operations homent. In a	information gi are required to ronment. The nave failed to a	ven above o report a acceptant adequately OCD accep	e is true and compl nd/or file certain re ce of a C-141 repo investigate and re	lete to the elease not by the emediate	ne best of my otifications a otifications a otifications in the best of the be	knowledge and und perform correctarked as "Final Right ion that pose a thr	indersta ctive act eport" of reat to g	nd that pur ions for rel loes not rel round wate	suant to NMOCD rules and leases which may endanger lieve the operator of liability or, surface water, human health compliance with any other			
Signature:	e: Tony Sav	ony D	www.			Approved by	OIL CON	b	ATION 4 BRA	DIVISION			
Title: Waste	Mgmt.& Ro	emediation Sp	ecialist			Approval Da	ÉEB 08 20	312	Expiration	Date:			
		oic@BassPet.		Phone: 432-556-83		Conditions of Approval: Attached Attached							
	ttach Additional Sheets If Necessary Phone:432-556-8730 Guidelines. SUBMIT REMEDIATION PROPOSAL NOT LATER THAN: 2RP-997												

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 RECEIVED

APR 11 2012

Form C-141 Revised October 10, 2003

Submit 2 Copies to appropriate

NMOCD ARTES A with Rule 116 on back
side of form

	·	<u> </u>	Rele	ease Notific	ation	and Co	rrective A	ction	1						
nMLB/2	115387	1/2				OPERA	ГOR		M Initia	al Report		Final Report			
Name of Co				26073		Contact Tor									
				ad, N.M. 88220		Telephone No. 432-556-8730									
Facility Na	me: Bass 3	Federal Ba	ttery #1			Facility Typ	e: E&P								
Surface Ow	ner Federa	ıl		Mineral C	wner F	ederal			Lease 1	No. LC-06	0853A				
				LOCA	TIOI	N OF REI	LEASE	•	30-01	5-2.	5.3:	30			
Unit Letter P	Section 3	Township 22S	Range 28E	Feet from the 230	North/ South	South Line	Feet from the 1090	East/\ East	West Line	County Eddy					
			1	_atitude_N 32.4				0_		•					
Type of Rele	ease: Crude	oil		<u>NAI</u>	UKE	Volume of oil	Release: 15 bbls	crude	Volume I	Recovered:	5 bbls o	crude oil			
Source of Re	elease: Produ	uction Tank				Date and F	lour of Occurrence	e	Date and 3/27/12 8	Hour of Dis	scovery				
Was Immedi	ate Notice C		Yes [] No 🔯 Not Re	equired	If YES, To									
By Whom?						Date and F									
Was a Water	rcourse Read		Yes ∑] No		If YES, Vo	olume Impacting t	he Wat	ercourse.		•				
Describe Car from BOPC through the	O, the water	r transfer pum	dial Actio p would h	n Taken.* Two lo ave normally pun	oads of p	produced water to a SV	er were unloaded WD failed to pum	into the	facility wa	iter tank wit daily oil/wa	hout pri	or approval duction			
in response t	o 2 previous	and Cleanup A s spills at the f from the previ	acility. Th	cen.*The area arouse impacted soil wallation.	und the	tanks and pro	cess area had rece s re-sampled and	ently be	en excavate led with cle	ed and back an soil. A c	filled wi	ith clean soil eport will be			
I hereby cert regulations a public health should their or the enviro	ify that the i all operators n or the envir operations honment. In a	information gi are required to ronment. The nave failed to	ven above o report a acceptant adequately OCD accep	e is true and comp nd/or file certain r ce of a C-141 repo v investigate and r otance of a C-141	elease nort by the emediat	otifications a e NMOCD m e contaminati	nd perform correct arked as "Final Rition that pose a thr	tive act eport" (eat to g	tions for rel does not rel ground wate	eases which ieve the ope r, surface w	may er erator of ater, hu	ndanger liability man health			
Signature: Printed Nam	e: Tony Sav	Sauce	<u>. </u>			Approved by	OIL CON	I.	ATION L Bener		<u>ON</u>				
Title: Waste	Mgmt.& Re	emediation Sp	ecialist			Approval Da	APR 2 4 20	12	Expiration	Date:					
E-mail Addr Date: 4/9/12		oie@BassPet.	P	hone:432-556-873	<u> </u>	Conditions of Approval: Remediation per OCD Rules & Guidelines. SUBMIT REMEDIATION									
Auach Add	itional Sile	eis II inecess	oai y		P	PROPOSAL NOT LATER THAN: 28 - 1103									

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

RECEIVED APR 11 2012

Form C-141 Revised October 10, 2003

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

			Kele				orrective A	ction	1			
1MLB/2//	53523	0		260:	137	OPERA	TOR		🛛 Initia	al Report		Final Repo
Name of Co	mpany BO	OPCO, L.P.				Contact To						
				ad, N.M. 88220			No. 432-556-873	30				
Facility Nar	ne: Bass 3	Federal Ba	ttery #1			Facility Ty	pe: E&P					
Surface Ow	ner Federa	il ·	•;	Mineral C	Owner	Federal	No. LC-060)853A				
				IOC	TIC	ON OF RE	TEACE		30 -	015-	25	330
Unit Letter	Section	Township	Range	Feet from the		th/South Line	Feet from the	Fact/	West Line	County	<u> </u>	710
P	3	228	28E	230	Sout	-	1090	East	West Ellic	Eddy		
	·	<u></u>	I.	atitude_N 32.4	11537	0 Longite	ıde W 104.0699	0_		<u> </u>		
<u> </u>				NAT	CURI	E OF REL		\sum				
Type of Rele	ase: Produc	ed water				Volume of produced	f Release: 285 bbls water		Volume I water	Recovered: 2	280 bbl:	s produced
Source of Re	lease: Air e	liminator on t	he water ti	ansfer pump.			Hour of Occurrence unknown	e / `	Date and 4/3/12 9:0	Hour of Dis	covery	
Was Immedia	ate Notice C		Ves [No Not Re	équire/	If YES, To	Whom X N Release	ofit.	ication /	REQUI	IREP	ON
D. Whom?				NO Z NOTAL		10146	Release	Vo/u	<u>ime</u> ex	ceeding	20	3./.
By Whom? Was a Watero	course Reac	hed?				Date and I	lour <u>SEE</u>			NMAC	α	KG US)
· · · · · · · · · · · · · · · · · · ·			Yes 🛭	No		1 100,	orano impaomis i	110 1140	orcourse.			
part was replaced by the released of the released remediated in I hereby certifications all public health should their of the environments.	a Affected a d water stay outside of the accordance fy that the is or the envir perations hament. In accordance to the envir perations hament. In accordance to the envir perations hament.	and Cleanup A red inside the he containmer to the NMOO information giver are required to comment. The ave failed to a ddition, NMO	action Tak containment area on a CD guidel ven above o report an acceptance dequately CD accep	en.*The tank battent area and was rethe caliche pad arines for spills. is true and compid/or file certain ree of a C-141 repoinvestigate and re	tery loc ecover ea arou lete to elease ort by t'	cation had just red with a vacu und the tank ba the best of my notifications a he NMOCD mate contaminat	recently been retreated and pure the impactor of the impactor	ped ba ded calic derstantive act eport" deat to gr	with a 0-peck into the the will be red that pursions for relates not reliates not reliates not water	erm polyured tank. A sma emoved and uant to NM cases which eve the oper	a contai il amou i the are OCD ru may en rator of tter, hur	nment, most nt of water a will be les and danger liability nan health
federal, state,	or local law	s and/or regu	lations.	 .			OIL CONS		·			
Signature: _/ Printed Name	Tony Save	g Sau			_	Approved by	District Superior	11	Brance		<u>/1 1</u>	
Title: Waste N			cialist			Approval Dat	APR 2 4 20	12	Expiration I	Date:		
E-mail Address	ss: TASavo	ie@BassPet.c		one:432-556-873	0	Conditions of Remedia	tion per OCD R	ules 8	k DN	Attached		
Attach Addit	ional Shee	ts If Necessa			G	ROPOSAL	UBMIT REMED OT LATER THA 24 /2013	N:		21	9/2-	1102

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

1220 S. French Dr., Hobbs, NM 88240

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Energy Minerals and Natural Resources ECEIVED

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

JAN 23 2014

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

				(OPER	RATOR			Initial Report X Final Report				
Name of Co	mpany	BOPCO, LI)	260737		Contact To	ny Savoie						
				sbad, NM 88220) /	Telephone N	No. (432)556-8	730					
Facility Nan				76073		Facility Typ							
						- шеллеў тур			ARI		0/5-25330		
Surface Own	ner Feder	al		Mineral Ov	wner	Federal			Lease N	<u>lo. LC-0</u>	60853A-		
-				LOCA	TION	OF REI	LEASE		_				
Unit Letter P	Section 3	Township 22S	Range 28E	Feet from the 230		South Line South	Feet from the 1090	1	est Line	County Eddy			
		<u>. </u>	Lati	tude 32.415370°	North		Longitude 10	04.06990)° West				
				NATI	URE	OF RELI	EASE						
Type of Relea	ase Crude	oil		1		Volume of crude oil	Release 20 bbls	of	Volume F	Recovered	covered 5 bbls		
Source of Rel	ease Oil p	production tan	k#113678	3		Date and H	lour of Occurrence			Hour of Di	scovery		
***						1/3/12 Time unknown 1/3/12 2:00 p.m.							
Was Immedia	ite Notice (es No	Not Required		If YES, To Whom? NMOCD Emergency #104							
By Whom?	Tony Savo	ie				Date and H	lour 1/4/12 2:37	p.m.					
Was a Watero							lume Impacting t		course.				
			Yes Y	K No									
If a Watercou	f a Watercourse was Impacted, Describe Fully.*												
Describe Cau	se of Probl	em and Reme	dial Actio	n Taken:* A hole v	was dis	covered in the	e bottom of the se	outh oil p	roduction	tank. The	tank was taken out of		
service the da	y of discov	ery. The tank	was clean	ed, repaired, and co	oated o	n 1/6/12.							
											ium truck recovered		
											noted that there were		
											esponse activities, the		
			OCD reco	ommended guideli	nes. Pl	ease referenc	e the attached F	Remediati	ion Summ	ary & Risi	k-Based Site Closure		
Request for re											1111000		
											o NMOCD rules and		
											which may endanger e operator of liability		
											water, human health		
											liance with any other		
		ws and/or regu		optance of a C 11	i iopoi	t does not re	meve the operation	or or resp	ons.omi,	ioi compi	nance with any other		
							OIL CON	SFRV	ATION	DIVISI	ON		
		⁷	e				OID COIN	SEIC VI	TITOIN	~1 4 1 O L	<u></u>		
Signature:	1 0	wy Dau	- من المنظرة المنطقة ا المنطقة المنطقة المنطق										
Printed Name	: Tony Sa	voie			1	Approved by	District Supervis	or:					
T'41										Б.,			
Title: Waste	Mgmt. & F	Remediation S	pecialist		Approval Date: Expiration Date:			Date:					
E-mail Addre	ss: TASav	oie@BassPet	.com		Conditions of Approval:								
Date: \/2	2/14	Pł	ione: 43	12-556-873			- A - A						
					=	RP-	446						

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

Release Notification and Corrective Action

IVE ACTION ARTESIA

	NMOCD ARTESIA												
					OPE	RATOR		Initial	Report	X Final Report			
Name of Co	ompany	BOPCO, LI	p .	260737		Contact To	ony Savoie						
				sbad, NM 8822	20		No. (432)556-8	730					
		Federal Bat				Facility Typ			30-015	-25330			
Surface Ow	ner Feder	al		Mineral C	Owner	Federal		Lease	No. LC	0 60853∧			
				LOCA	ATIO	N OF RE	LEASE						
Unit Letter	Section 3	Township 22S	Range 28E	Feet from the 230	Nort	rth/South Line Feet from the East/West Line County South 1090 East Eddy							
	1	225	· · · · · · · · · · · · · · · · · · ·	tude 32,415370	O Nort		1,	04.06990° West	Ludy				
			<u>Lau</u>				-	14.00990 <u>West</u>					
T CD 1	0.1	., , ,	1 .	NAI	UKI	OF REL		C W-1	D	(0.1-1			
Type of Rele	ase Crude	oil and produc	ced water			produced v	olume of Release 65 bbls of oduced water and less than 5 water and 2 bbls crude oil						
Source of Re	elease 2" li	ne from the he	eater treate	er to the production	n tank	s Date and I-	lour of Occurrence ime unknown		Hour of D 9:00 a.m.	Discovery			
Was Immedi	ate Notice (Given?				If YES, To		1/11/12	2.00 u .iii.				
			'es No	Not Required		NMOCD Emergency #104							
By Whom?							lour 1/11/12 11:1						
Was a Water	course Rea		l Vac I	K No		If YES, Vo	olume Impacting t	he Watercourse.					
10.11													
If a Watercon	urse was Im	pacted, Descr	ibe Fully.	•									
Describe Ca	use of Pro	blem and Rer	nedial Ac	tion Taken:* A	2" line	going from t	he heater treater	to the tanks leal	ed due to	external corrosion. A			
temporary re	pair clamp	was placed on	the affect	ed piece of pipe.									
										ontainment around the			
										other spill reported on			
							NMOCD recomm	nended guideline	s. Please i	reference the attached			
				re Request for ren					4	4. NMOCD miles and			
regulations	illy that the	: information ;	given abov	ve is true and coi	npiete	to the best of	my knowledge al	na unaerstana tha	or releaces	to NMOCD rules and, which may endanger			
nublic health	or the env	s are required	io report	and/or the certai	nort h	v the NMOCE	s and periorii co I marked as "Fina	d Report" does n	ot relieve th	he operator of liability			
should their	operations	have failed to	adequatel	v investigate and	remed	iate contamina	tion that pose a th	reat to ground w	ater, surfac	e water, human health			
										oliance with any other			
		ws and/or regi		•	•		•	•	, ,	•			
							OIL CON	SERVATION	N DIVIS	ION			
		9 6	•										
Signature:	_(@y	y Deve	u										
Printed Nam	e: Tony Sa	yoie				Approved by District Supervisor:							
Title: Waste	Mgmt. & I	Remediation S	pecialist			Approval Date: Expiration Date:							
E-mail Addr	ess: TASav	voie@BassPet	.com		Conditions of Approval:								
Date: 1/	02/14	Ρŀ	none: 🚜 :	72-55G-X	730	io							

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 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 ECEIVED 1220 South St. Francis Dr. JAN **23** 2014 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 Cortective Action ESIA

				0	PEF	ERATOR				Initial Report X Final Report			
Name of Co		BOPCO, LI		260737		Contact To							
				sbad, NM 88220			No. (432)556-8	730					
Facility Nan	ne Bass 3	Federal Bat	tery #1			Facility Typ	e E&P						
Surface Own	ner Feder	al		Mineral Ow	ner	Federal			Lease N	lo. LC-00 API 3	60853A 0-015-25330		
				LOCAT	IOI	N OF REI	LEASE						
Unit Letter	Section	Township	Range			South Line	Feet from the	East/W	Vest Line	County			
P	3	22S	28E	230	So	uth	1090	E	ast	Eddy			
			<u>Lati</u> t	tude 32.415370° N	North		Longitude 10	4.0699	0° West				
				NATI	RE	OF RELI	EASE		·				
Type of Relea	ase Produc	ed water		1,1110		Volume of	Release 285 bbls	s of		tecovered	280 bbls of produced		
Source of Rel	esco Prod	uation Tank				produced v			water	and Hour of Discovery 2 9:00 a.m.			
Source of Ker	case Frou	uction rank											
Was Immedia	te Notice C	iven?				If YES, To							
		Yes	No 2	K Not Required									
By Whom?						Date and H							
Was a Watero	course Reac] Yes >	⟨ No		If YES, Volume Impacting the Watercourse.							
If a Watercou	rse was Im	pacted, Descr	ibe Fully.	•							,		
D '1 C	CD 11	1.0	11 1 4	TD 1 # 4 2/41		•			1 1/	· • • • • • • • • • • • • • • • • • • •			
The part was		em and Remo	edial Actio	on Taken:* A 3/4" a	ıır elii	minator on th	e water transfer p	pump br	oke in half	due to a n	nanufacturing defect.		
		and Cleanup	Action Ta	aken.* The tank bat	tery 1	ocation had j	ust recently been	retro-fi	itted with a	0-perm p	olyurea containment.		
Most of the re	eleased wat	er stayed insi	de the con	itainment area and v	vas re	covered with	a vacuum truck a	and pum	ped back in	nto the tan	k. A small amount of		
											ties, the release was		
				nce the attached Rei							o NMOCD rules and		
regulations al	ll operators	are required	to report	and/or file certain r	elease	notifications	and perform co	rrective	actions for	releases,	which may endanger		
public health	or the envi	ironment. Th	e acceptar	nce of a C-141 repo	rt by	the NMOCD	marked as "Fina	l Report	t" does not	relieve the	operator of liability		
											water, human health iance with any other		
federal, state,				eptance of a C-141	геро	it does not it	meve the operate	n or ics	ponsionity	ioi compi	ance with any other		
		-	_				OIL CON	SERV	ATION	DIVISION	ON		
Signature:	1 04	25 m	o Lan								_		
Signature.	_\	<u> </u>			\dashv	Ammunuad hu	District Companyis						
Printed Name	:: Tony Sav	oie				Approved by	District Supervis	or: ————					
Title: Waste	Mgmt. & R	temediation S	pecialist	,		Approval Dat	e:	F	Expiration 1	Date:			
E-mail Addre	ss: TASav	oie@BassPet	.com		Conditions of Approval:								
Date: (/2:	2/14	Pł	none: 43	2-556-8730)								

2RP-1102

<u>District I</u> 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 ResourcesECEIVED

1220 South St. Francis Dr. Santa Fe, NM 87505

Oil Conservation Division

JAN 23 2014

MMOCD ARTERIA

Revised October 10, 2003

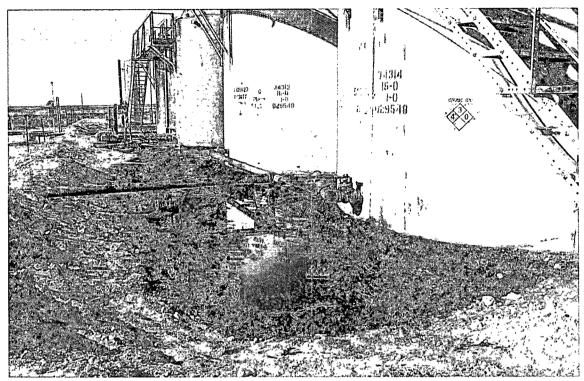
Form C-141

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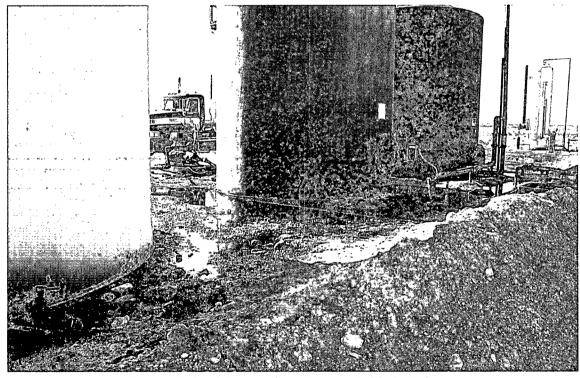
Release Notification and Corrective Action

				O	PEF	RATOR			Initial F	Report	X Final Report	
Name of Co		BOPCO, LI		260737		Contact To						
				sbad, NM 88220			lo. (432)556-8	730				
Facility Na	me Bass 3	Federal Bat	tery #1			Facility Type E&P						
Surface Ow	ner Federa	al		Mineral Ow	ner	Federal			Lease N	No. LC-(API	060853A 30-015-25330	
				LOCAT	ΙΟΙ	OF REI	LEASE					
Unit Letter	Section	Township	Range	Feet from the	North/	South Line	Feet from the	East/V	Vest Line	County		
<u>P</u>	3	22S	28E	230	So	uth	1090	E	ast	Eddy		
			Lati	tude 32.415370° 1	North		Longitude 10)4.0699	0° West			
						OF RELI	· · · ·					
Type of Rele	ease Crude o			NATO			Release 15 bbls	of	Volume F	Recovered	5 bbls of crude oil	
l spoor tere	ase crade (crude oil			v oranie i	(000,0100		
Source of Re	elease Prod	uction Tank				1	our of Occurrence	e	Date and Hour of Discovery 3/27/12 8:30 a.m.			
Was Immedi	into Notico C	Siyon?				3/27/12 Ti	me unknown		3/27/12 8	:30 a.m.		
was infilieur	iate Notice C	Yes	No 2	X Not Required		11 1123, 10	wildin:					
By Whom?	*					Date and H	our					
Was a Water	course Reac					If YES, Vo	lume Impacting t	he Wate	rcourse.	•		
			Yes X	X No								
If a Waterco	urse was Im	pacted, Descr	ibe Fully.	*		·						
Deceribe Co.	uso of Drobl	om and Dame	dial Astic	n Tokani* Tura laa	de of	aroduced wat	er were unleeded	Linto the	facility	otor topk	vithout prior approval	
											y oil/water production	
through the r	night ran the	tank over.										
											lled with clean in soil	
				nd 1/11/12). The im nary & Risk-Based S					e re-sample	ed and bac	kfilled with clean soil.	
									rstand that	pursuant	to NMOCD rules and	
regulations a	all operators	are required	to report	and/or file certain i	elease	notification	and perform co	rrective	actions fo	r releases,	which may endanger	
											e operator of liability	
											e water, human health liance with any other	
		vs and/or regi		epiance of a C-141	теро	t does not re	meve the operati	or or res	ponsionity	ioi comp	mance with any other	
4	,						OIL CON	SERV	ATION	DIVISI	ON	
<	· 0.	9.	.0.									
Signature:	(O	y XV	us_									
Printed Nam	e: Tony Sav	oie				Approved by	District Supervis	or:				
Title: Waste	Momt & R	emediation S	necialist			Approval Dat	e·		Expiration	Date:		
				_					z.rp.nation			
		oie@BassPet				Conditions of	Approval:					
Date: 1/2	12/14	Pł	none: 43	z-556 <i>-</i> 8730)							

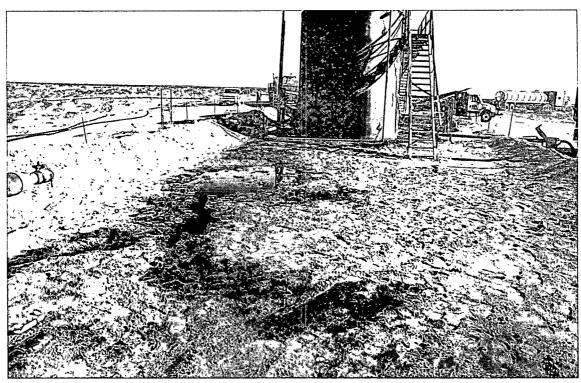
Appendix B Photographs



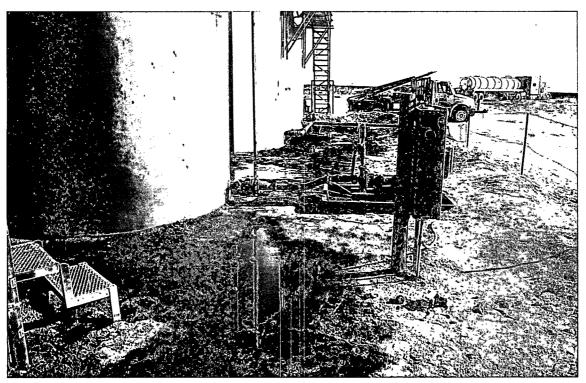
Bass 3 Federal Battery #1 - January 4, 2012, Release



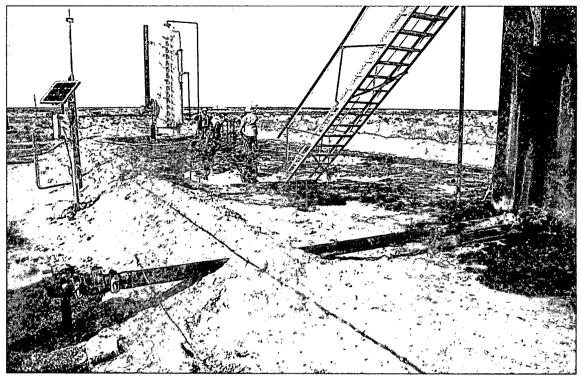
Bass 3 Federal Battery #1 - January 4, 2012, Release



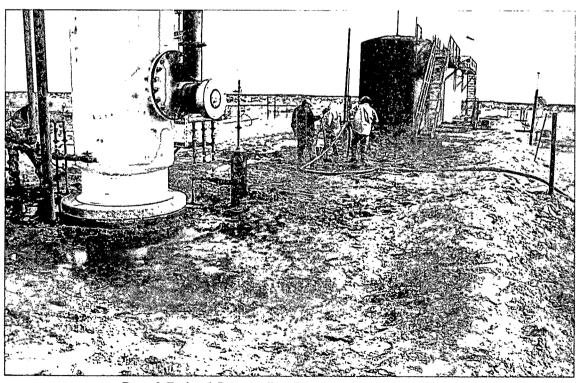
Bass 3 Federal Battery #1 - January 4, 2012, Release



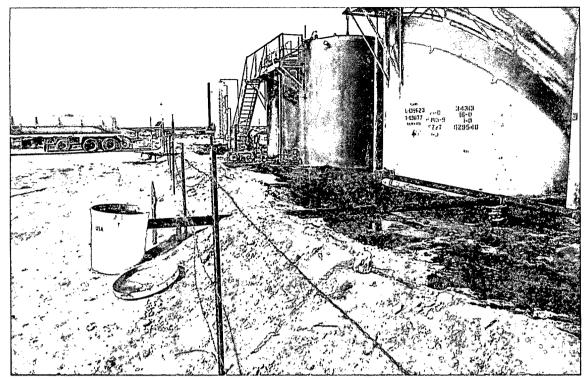
Bass 3 Federal Battery #1 - January 4, 2012, Release



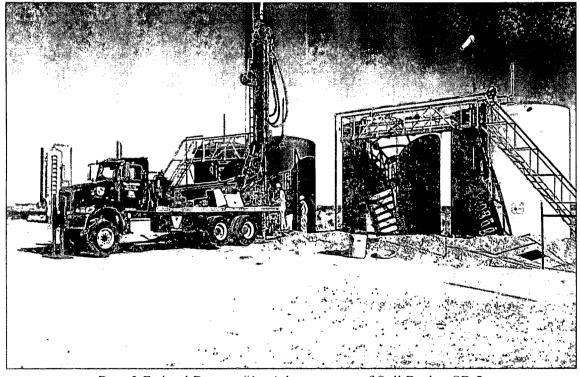
Bass 3 Federal Battery #1 - January 11, 2012, Release



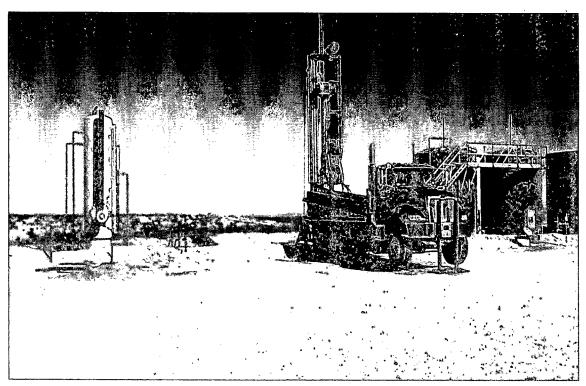
Bass 3 Federal Battery #1 - January 11, 2012, Release



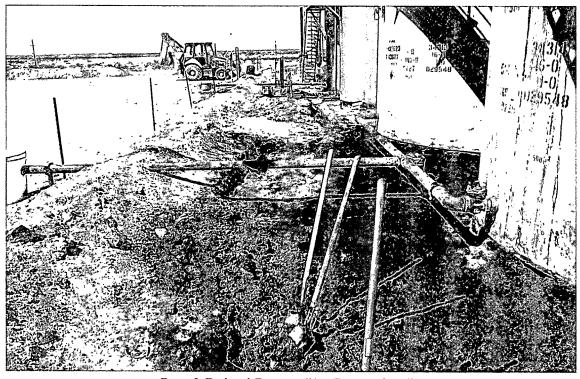
Bass 3 Federal Battery #1 - January 11, 2012, Release



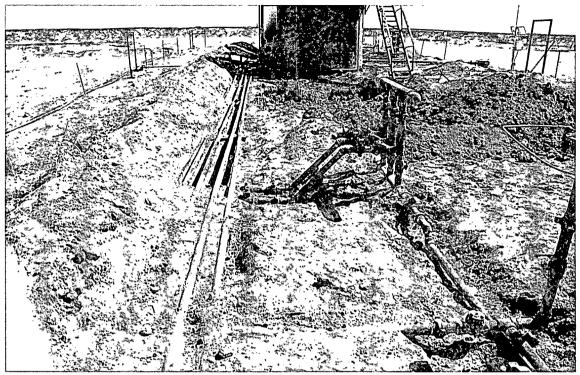
Bass 3 Federal Battery #1 - Advancement of Soil Boring SB-2



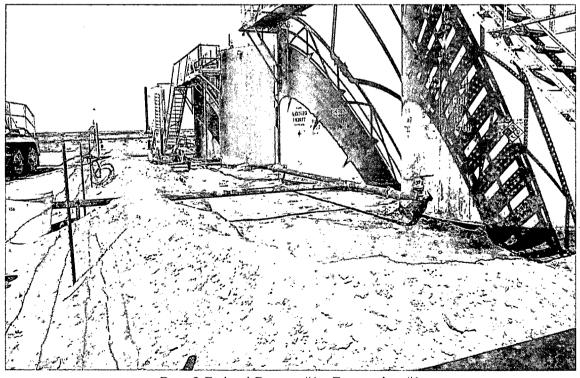
Bass 3 Federal Battery #1 - Advancement of Soil Boring SB-3



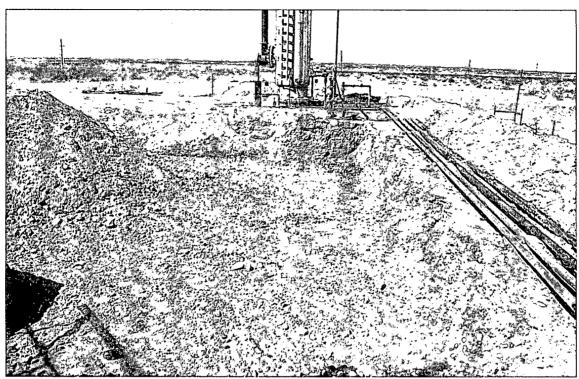
Bass 3 Federal Battery #1 - Excavation #1



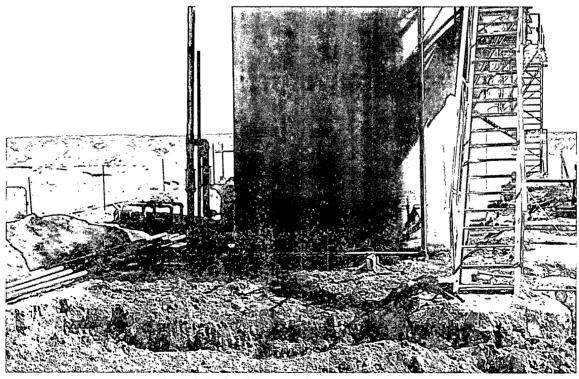
Bass 3 Federal Battery #1 - Excavation #1



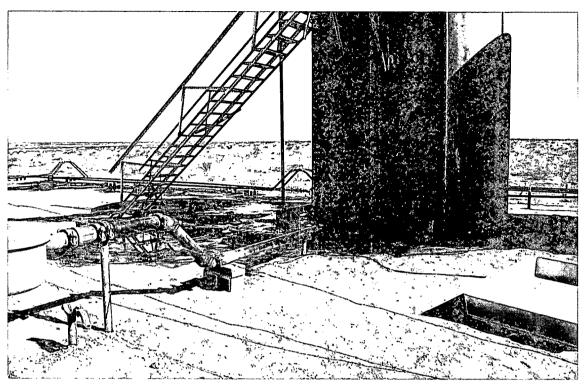
Bass 3 Federal Battery #1 - Excavation #1



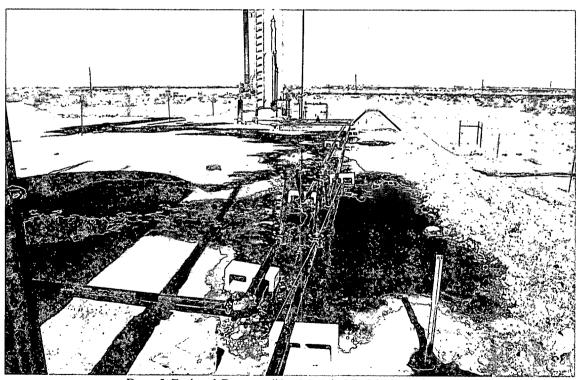
Bass 3 Federal Battery #1 - Excavation #1



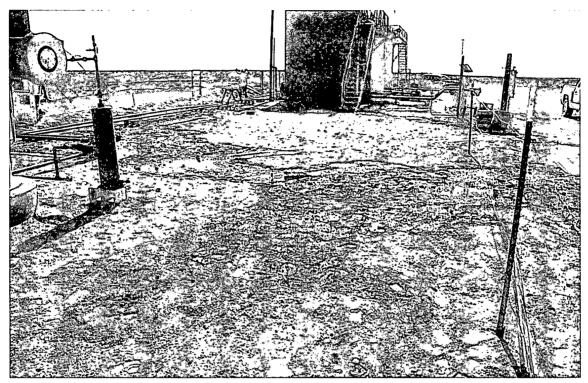
Bass 3 Federal Battery #1 - Excavation #1



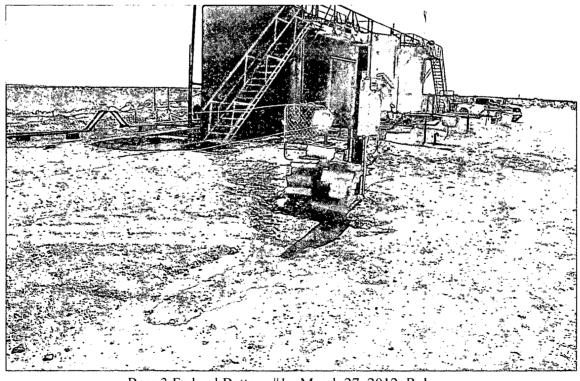
Bass 3 Federal Battery #1 - March 27, 2012, Release



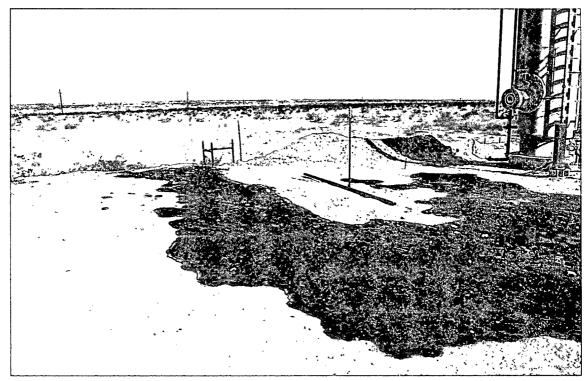
Bass 3 Federal Battery #1 - March 27, 2012, Release



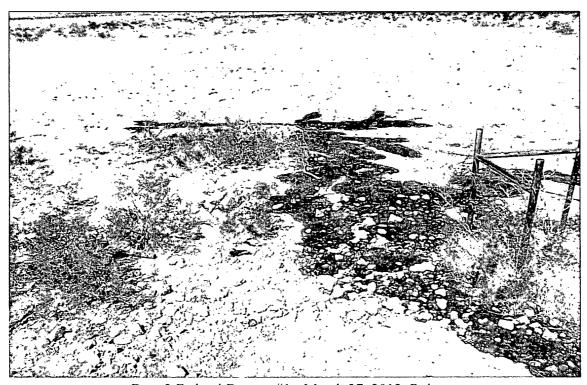
Bass 3 Federal Battery #1 - March 27, 2012, Release



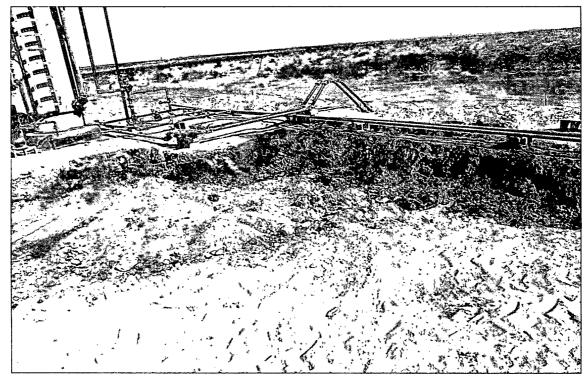
Bass 3 Federal Battery #1 - March 27, 2012, Release



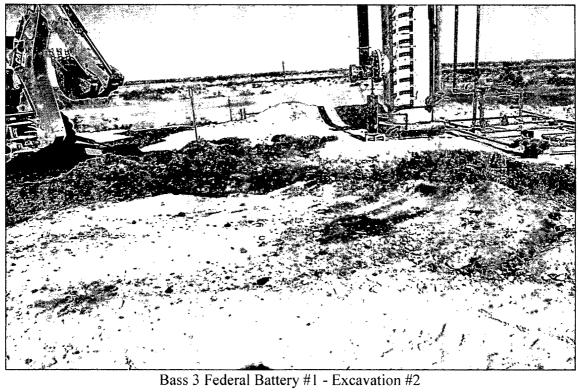
Bass 3 Federal Battery #1 - March 27, 2012, Release

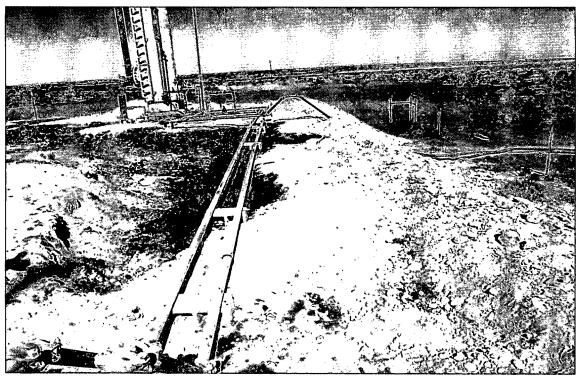


Bass 3 Federal Battery #1 - March 27, 2012, Release

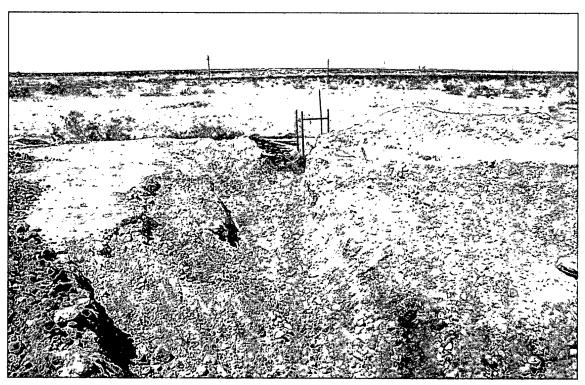


Bass 3 Federal Battery #1 - Excavation #2

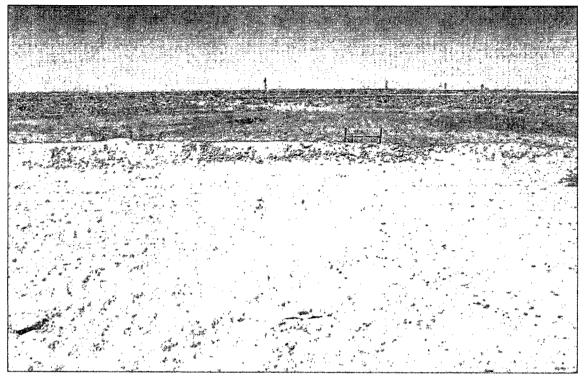




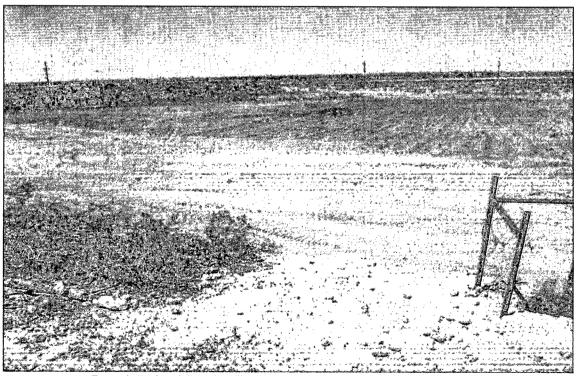
Bass 3 Federal Battery #1 - Excavation #2



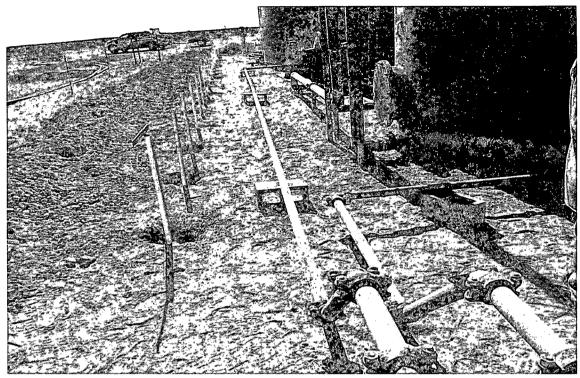
Bass 3 Federal Battery #1 - Excavation #2



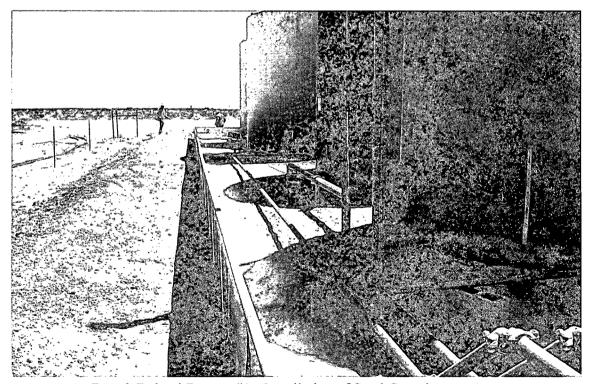
Bass 3 Federal Battery #1 - Excavation #2 (Following Backfill)



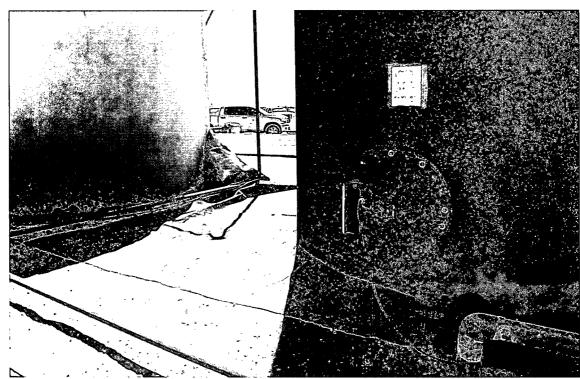
Bass 3 Federal Battery #1 - Excavation #2 (Following Backfill)



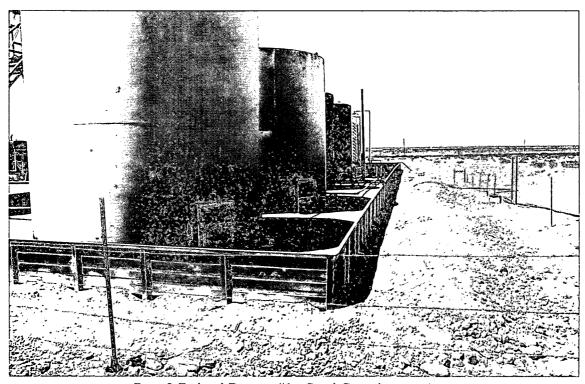
Bass 3 Federal Battery #1 - Installation of Steel Containment Area



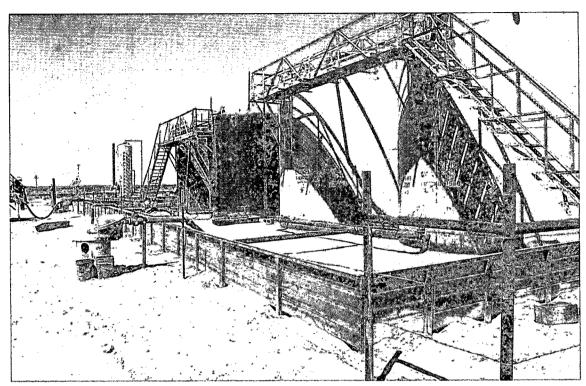
Bass 3 Federal Battery #1 - Installation of Steel Containment Area



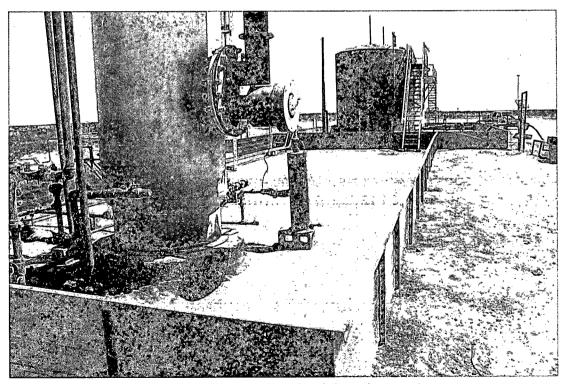
Bass 3 Federal Battery #1 - Installation of Liner & Steel Containment Area



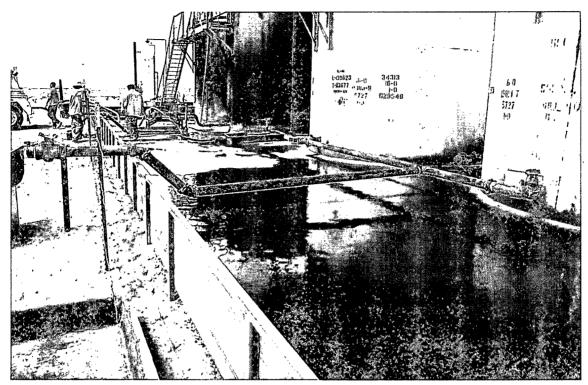
Bass 3 Federal Battery #1 - Steel Containment Area



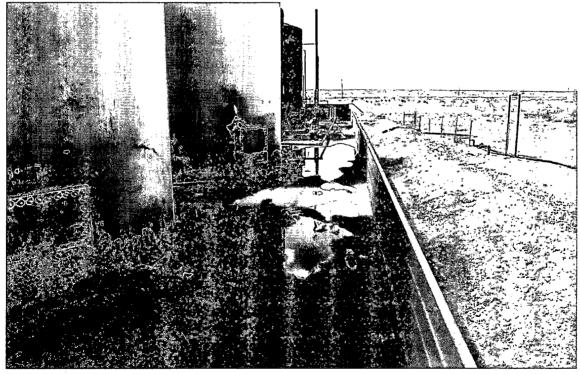
Bass 3 Federal Battery #1 - Steel Containment Area



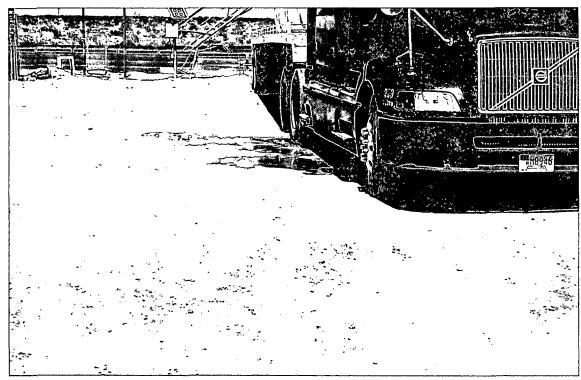
Bass 3 Federal Battery #1 - Steel Containment Area



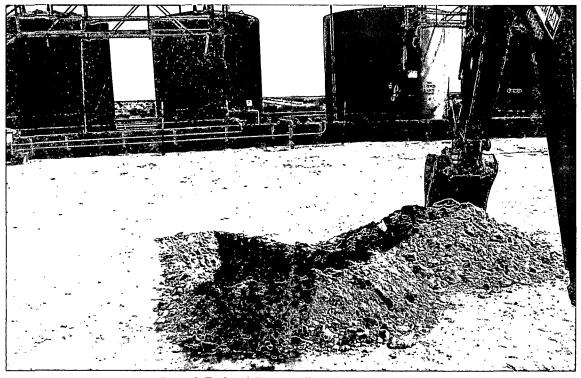
Bass 3 Federal Battery #1 - April 3, 2012, Release



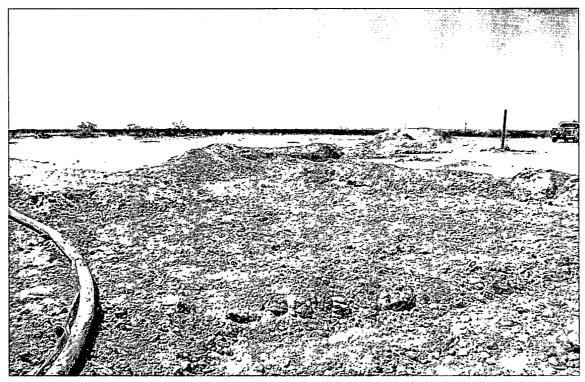
Bass 3 Federal Battery #1 - April 3, 2012, Release



Bass 3 Federal Battery #1 - April 3, 2012, Release



Bass 3 Federal Battery #1 - Excavation #3



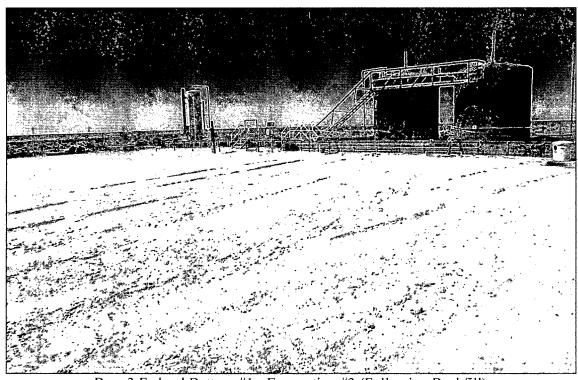
Bass 3 Federal Battery #1 - Excavation #3



Bass 3 Federal Battery #1 - Excavation #3



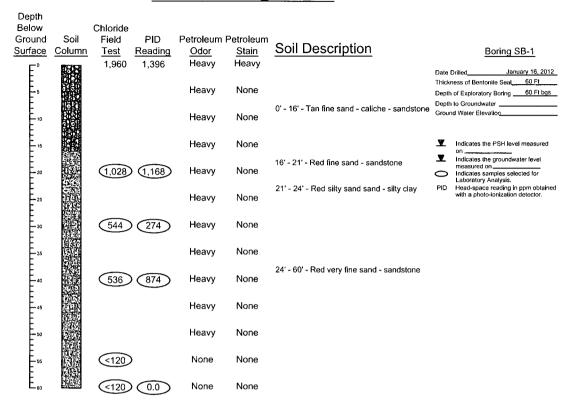
Bass 3 Federal Battery #1 - Excavation #3 (Following Backfill)



Bass 3 Federal Battery #1 - Excavation #3 (Following Backfill)

Appendix C Soil Boring Logs

Soil Boring SB-1

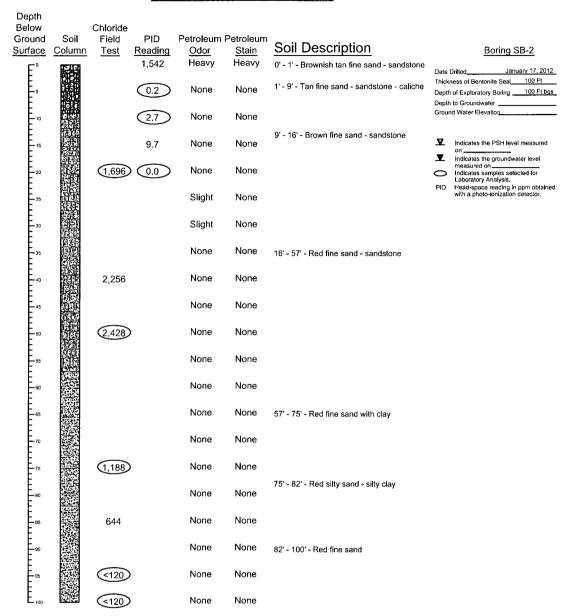


Completion Notes

- using air rotary drilling techniques.
- The fines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

Sala Environmenta Effective Schusses

Soil Boring SB-2



Completion Notes

- The soil boring was advanced on date using air rotary drilling techniques.
- The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

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

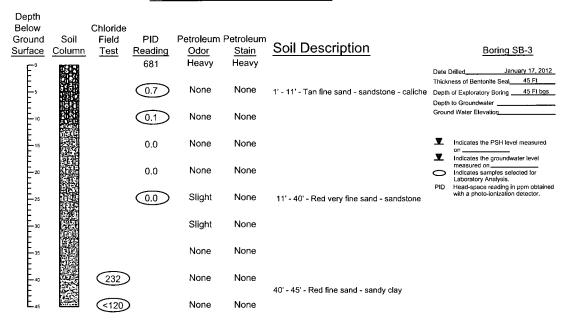
Basin Environmente

Ettective Sciutions

Price Technologie

Checked By: BRB Prep By: BJA May 11, 2012

Soil Boring SB-3



Completion Notes

- The soil boring was advanced on date using air rotary drilling techniques.
- The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

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

Prep By: BJA Checked By: BRB May 11, 2012

Sasin Environmente

Ettective Solutions

Price Technologic

Appendix D Laboratory Analytical Reports



January 24, 2012

BEN J. ARGUIJO

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: BASS 3 FEDERAL BATTERY #1 REMEDIATION & RETRO-FIT

Enclosed are the results of analyses for samples received by the laboratory on 01/19/12 11:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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 accredited certif.html.

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

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celeg & Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Received:

01/19/2012

Sampling Date:

01/16/2012

Reported:

01/24/2012

Sampling Type:

Soil

Project Name:

BASS 3 FEDERAL BATTERY #1 REMEDIA

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Project Location:

EDDY CO., NM

Sample Received By:

Jodi Henson

Sample ID: SB - 1 @ 5' (H200132-01)

TPH 8015M	mg/l	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	394	10.0	01/24/2012	ND	192	95.9	200	9.99	
DRO >C10-C28	2300	10.0	01/24/2012	ND	206	103	200	8.99	
EXT DRO >C28-C35	314	10.0	01/24/2012	ND					
Surrogate: 1-Chlorooctane	99.5 %	6 55.5-15	4						
Surrogate: 1-Chlorooctadecane	91.7%	6 57.6-15	8						

Sample ID: SB - 1 @ 10' (H200132-02)

TPH 8015M	mg/l	kg	Analyze	d By: MS		<u>.</u>			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/24/2012	ND	192	95.9	200	9.99	
DRO >C10-C28	79.5	10.0	01/24/2012	ND	206	103	200	8.99	
EXT DRO >C28-C35	33.8	10.0	01/24/2012	ND					
Surrogate: 1-Chlorooctane	93.9 %	6 55.5-15	4		*		· · · · · · · · · · · · · · · · · · ·		
Surrogate: 1-Chlorooctadecane	101 %	57.6-15	8						

Cardinal Laboratories

*=Accredited Analyte

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Celegit Keine



Basin Environmental Service BEN J. ARGUIJO P.O. Box 301 Lovington NM, 88260

Fax To:

(575) 396-1429

Received:

01/19/2012

Sampling Date:

01/16/2012

Reported:

01/24/2012

Sampling Type:

Soil

Project Name:

BASS 3 FEDERAL BATTERY #1 REMEDIA

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Project Location:

EDDY CO., NM

Jodi Henson

Sample ID: SB - 1 @ 20' (H200132-03)

Chloride, SM4500CI-B	mg/l	(g	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1540	16.0	01/20/2012	ND	448	112	400	7.41	
TPH 8015M	mg/l	кg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	207	10.0	01/24/2012	ND	192	95.9	200	9.99	
DRO >C10-C28	1660	10.0	01/24/2012	ND	206	103	200	8.99	
EXT DRO >C28-C35	275	10.0	01/24/2012	ND					
Surrogate: 1-Chlorooctane	104 %	55.5-15	4						
Surrogate: 1-Chlorooctadecane	87.5 %	6 57.6-15	8						

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Celey D. Keene Celey D. Keene, Lab Director/Quality Manager



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

Fax To:

Received:

01/19/2012

Sampling Date:

01/16/2012

Reported:

01/24/2012

Sampling Type:

Soil

Project Name:

BASS 3 FEDERAL BATTERY #1 REMEDIA

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Project Location:

Sample Received By:

Jodi Henson

EDDY CO., NM

Sample ID: SB - 1 @ 30' (H200132-04)

BTEX 8021B	mg/	kg	Analyze	ed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2012	ND	1.97	98.7	2.00	1.10	
Toluene*	<0.050	0.050	01/23/2012	ND	2.12	106	2.00	0.0184	
Ethylbenzene*	<0.050	0.050	01/23/2012	ND	2.13	107	2.00	0.824	
Total Xylenes*	<0.150	0.150	01/23/2012	ND	6.59	110	6.00	0.938	
Surrogate: 4-Bromofluorobenzene (PIL	109 %	6 64.4-13	4		•				
TPH 8015M	mg/l	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/24/2012	ND	192	95.9	200	9.99	
DRO >C10-C28	105	10.0	01/24/2012	ND	206	103	200	8.99	
EXT DRO >C28-C35	24.1	10.0	01/24/2012	ND					
Surrogate: 1-Chlorooctane	93.8 %	55.5-15-	1						
Surrogate: 1-Chlorooctadecane	116%	57.6-158	3						

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Celeg E. Keine



Basin Environmental Service BEN J. ARGUIJO P.O. Box 301 Lovington NM, 88260

Fax To:

(575) 396-1429

Received:

01/19/2012

Sampling Date:

01/16/2012

Reported:

01/24/2012

Sampling Type:

Soil

Project Name:

BASS 3 FEDERAL BATTERY #1 REMEDIA

57.6-158

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

EDDY CO., NM

Sample ID: SB - 1 @ 40' (H200132-05)

|--|

-	,	ı

73.7 %

Chioride, SM450UCI-B	mg	/кд	Anaiyze	a By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	01/20/2012	ND	448	112	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS			<u> </u>		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	55.5	10.0	01/24/2012	ND	192	95.9	200	9.99	
DRO >C10-C28	721	10.0	01/24/2012	ND	206	103	200	8.99	
EXT DRO >C28-C35	109	10.0	01/24/2012	ND					
Surrogate: 1-Chlorooctane	87.3	% 55.5-15	4						

Sample ID: SB - 1 @ 55' (H200132-06)

Surrogate: 1-Chlorooctadecane

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/20/2012	ND	448	112	400	7.41	

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*=Accredited Analyte

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Celay & Keene



Basin Environmental Service BEN J. ARGUIJO P.O. Box 301 Lovington NM, 88260

Fax To:

BASS 3 FEDERAL BATTERY #1 REMEDIA

(575) 396-1429

Received:

01/19/2012

Sampling Date:

01/16/2012

Reported:

Sampling Type:

Soil

Project Name:

01/24/2012

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

EDDY CO., NM

110%

57.6-158

Sample ID: SB - 1 @ 60' (H200132-07)

BTEX 8021B	mg	/kg	Analyz	ed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2012	ND	1.97	98.7	2.00	1.10	
Toluene*	<0.050	0.050	01/23/2012	ND	2.12	106	2.00	0.0184	
Ethylbenzene*	<0.050	0.050	01/23/2012	ND	2.13	107	2.00	0.824	
Total Xylenes*	<0.150	0.150	01/23/2012	ND	6.59	110	6.00	0.938	
Surrogate: 4-Bromofluorobenzene (PIL	109	% 64.4-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/20/2012	ND	448	112	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/24/2012	ND	192	95.9	200	9.99	
PRO >C10-C28	16.2	10.0	01/24/2012	ND	206	103	200	8.99	
PRO >C10-C20									

Cardinal Laboratories

Surrogate: 1-Chlorooctadecane

*=Accredited Analyte

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Celey E. Keine



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. Keena



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	Basin Environmental Se	rvice T	Pech	nolo	gie	s, L	LC	L		8	ILL	70							ANA	YSI	RE	QUE	ST			
Project Manager	: Ben J. Arguijo							P.	0. #:							T							T			
Address: P.O.								Co	mpa	any:	EOF	co, LF			ľ	1			•	1	}		1		1	1
City: Lovingto	n State	e: NM	Zip:	652	260			At	tn:	Ton	ıy S	avoie]					İ	}	}			j		
Phone #: (575)	396-2378 Fax#	:(575)39	96-1	429				A	idre	ss: 5	522	W. Mer	mod	1	ĺ	- 1			1	1	Ì			1		
Project #:	Proje	ct Owner	r: 80	PCO,	LP			Ci	ty:	Carl	sbac	i		1	1	- 1			1]		1	1			}
Project Name: B	ass 3 Federal Bactery #	1 Remed	iiat.	ion	& Re	etro	-Fit	St	ate:	ŇM	Zi	p: ชั่822	U	1					Ì	Ì	1	1	1		1	
Project Location	: Eddy Co., NM							PI	one	#: (-		556-87		1		N				1	}	1	1])
Sampler Name:	Ben J. Arguijo							_	x #:					1	1	BIS A			}	1		1		1		Ì
FOR LAB USE ONLY				_		MAT	TRIX		PR	ESER	V.	SAMPL	NG	1		12]	1	1	}	1	1	1		
Lab I.D. H200159	Sample I.D.		G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	1///	(1/0/.4	10H (A	BJEK									
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2,	5B.1 Q 20'	***************************************	Π	Π	\neg		\sqcap		T		1		1415	X		K		 	 	T-				1		
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analyses Aliciains includ service in no every shall (nd Comages. Cardina's habity and dient's asclus nig those for heptigence and any ones cause what lardina's be likible for indisertal or consequental da- ing out of or hybre's to the participance of services	scever shak be mages, incluan	e deeme ng witra	en waive Le lenega	ed umuse Rich, bue	samace : Jamess in	n wat ng dernaptik	and id one, loss	ceived i	by Cards or loss	of profe	in 30 days et ta incurred by	tar completion s reveal, as subs	il Die ap Glanes,	okcable											
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Relinquished B	y: Date Time (: (Circle One)	10111	R	g E U	red E	Ċ	WH.	州	ZV	<u>ــر</u>	رسائلا	Y'laman		F16	ease	em	ail:	resul	les e	ema c	basir	nenv.	cor.			
Delivered By	r: (Circle One)		U			Sample Cool			n			D BY:	}	£	TAsa	voi	e#Ba:	ssPet	.com							
Sampler . UPS	- Bus - Other		11	Ö] 7	T Ve	آرًا ۽	PaY	-	- >	(Initia		l l													



January 24, 2012

BEN J. ARGUIJO

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: BASS 3 FEDERAL BATTERY #1 REMEDIATION & RETRO-FIT

Enclosed are the results of analyses for samples received by the laboratory on 01/19/12 11:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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 accredited certif.html.

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

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celeg & Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Basin Environmental Service BEN J. ARGUIJO P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received:

01/19/2012

Sampling Date:

01/17/2012

Reported:

01/24/2012

Sampling Type:

Soil

Project Name:

BASS 3 FEDERAL BATTERY #1 REMEDIA

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

EDDY CO., NM

Sample ID: SB - 2 @ 5' (H200131-01)

TPH 8015M	mg	/kg	Anaiyze	a By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/24/2012	ND	192	95.9	200	9.99	
DRO >C10-C28	<10.0	10.0	01/24/2012	ND	206	103	200	8.99	
EXT DRO >C28-C35	<10.0	10.0	01/24/2012	ND			•		
Surrogate: L-Chlorooctane	85.0	% 55.5-15	4						

Surrogate: 1-Chlorooctadecane

101 %

57.6-158

Sample ID: SB - 2 @ 10' (H200131-02)

TPH 8015M	mg/k	(g	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/24/2012	ND	192	95.9	200	9.99	
DRO >C10-C28	<10.0	10.0	01/24/2012	ND	206	103	200	8.99	
EXT DRO >C28-C35	<10.0	10.0	01/24/2012	ND					
Surrogate: 1-Chlorooctane	90.5 %	55.5-15	4						
Surrogate: 1-Chlorooctadecane	98.9 %	57.6-15	8						

Cardinal Laboratories

*=Accredited Analyte

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Celey E. Keine



Basin Environmental Service BEN J. ARGUIJO P.O. Box 301 Lovington NM, 88260

Fax To:

(575) 396-1429

Received:

01/19/2012

Sampling Date:

01/17/2012

Reported:

01/24/2012

Sampling Type:

Soil

Project Name:

BASS 3 FEDERAL BATTERY #1 REMEDIA

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

EDDY CO., NM

Sample ID: SB - 2 @ 20' (H200131-03)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	718	16.0	01/20/2012	ND	448	112	400	7.41	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/24/2012	ND	192	95.9	200	9.99	
DRO >C10-C28	<10.0	10.0	01/24/2012	ND	206	103	200	8.99	
EXT DRO >C28-C35	<10.0	10.0	01/24/2012	ND					
Surrogate: 1-Chlorooctane	90.7	% 55.5-15	4						
Surrogate: 1-Chlorooctadecane	114 9	% 57.6-15	8						

*=Accredited Analyte Cardinal Laboratories

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Clay there Celey D. Keene, Lab Director/Quality Manager

Page 3 of 8



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

Received:

01/19/2012

Sampling Date:

01/17/2012

Reported:

01/24/2012

Sampling Type:

Soil

Project Name:

BASS 3 FEDERAL BATTERY #1 REMEDIA

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Project Location:

EDDY CO., NM

Sample Received By:

Jodi Henson

Sample ID: SB - 2 @ 50' (H200131-04)

BTEX 8021B	mg/	kg	Analyze	ed By: AP		····			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2012	ND	1.97	98.7	2.00	1.10	
Toluene*	<0.050	0.050	01/23/2012	ND	2.12	106	2.00	0.0184	
Ethylbenzene*	<0.050	0.050	01/23/2012	ND	2.13	107	2.00	0.824	
Total Xylenes*	<0.150	0.150	01/23/2012	ND	6.59	110	6.00	0.938	
Surrogate: 4-Bromofluorobenzene (PIL	109 9	64.4-13	4						-
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP			<u></u>		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2360	16.0	01/20/2012	ND	448	112	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/24/2012	ND	192	95.9	200	9.99	
DRO >C10-C28	<10.0	10.0	01/24/2012	ND	206	103	200	8.99	
EXT DRO >C28-C35	<10.0	10.0	01/24/2012	ND					
Surrogate: 1-Chlorooctane	86.7 %	6 55.5-15-	1						
Surrogate: 1-Chlorooctadecane	110 %	57.6-15	8						

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*=Accredited Analyte

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Celeg E. Keene



Basin Environmental Service BEN J. ARGUIJO P.O. Box 301 Lovington NM, 88260

Fax To:

(575) 396-1429

Received:

01/19/2012

Sampling Date:

01/17/2012

Reported:

Sampling Type:

Soil

01/24/2012

Sampling Condition:

Cool & Intact

Project Name:

BASS 3 FEDERAL BATTERY #1 REMEDIA NONE GIVEN

Project Number: Project Location:

EDDY CO., NM

Sample Received By:

Jodi Henson

Sample ID: SB - 2 @ 75' (H200131-05)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AP	<u></u>				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1390	16.0	01/20/2012	ND	448	112	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS			· <u> </u>		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/24/2012	ND	192	95.9	200	9.99	
DRO >C10-C28	<10.0	10.0	01/24/2012	ND	206	103	200	8.99	
EXT DRO >C28-C35	<10.0	10.0	01/24/2012	ND					
. Surrogate: 1-Chlorooctane	85.3	% 55.5-15	4						
Surrogate: 1-Chlorooctadecane	95.7	% 576-15	8						

Sample ID: SB - 2 @ 95' (H200131-06)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/20/2012	ND	448	112	400	7.41	

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Celeg D. Keene



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

Fax To:

Received:

01/19/2012

Sampling Date:

01/17/2012

Reported:

01/24/2012

Sampling Type:

Soil

Project Name:

BASS 3 FEDERAL BATTERY #1 REMEDIA

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

EDDY CO., NM

Sample ID: SB - 2 @ 100' (H200131-07)

BTEX 8021B	mg,	/kg	Analyzo	ed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2012	ND	1.97	98.7	2.00	1.10	
Toluene*	<0.050	0.050	01/23/2012	ND	2.12	106	2.00	0.0184	
Ethylbenzene*	<0.050	0.050	01/23/2012	ND	2.13	107	2.00	0.824	
Total Xylenes*	<0.150	0.150	01/23/2012	ND	6.59	110	6.00	0.938	
Surrogate: 4-Bromofluorobenzene (PIL	109	% 64.4-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/20/2012	ND	448	112	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/24/2012	ND	192	95.9	200	9.99	
DRO >C10-C28	11.9	10.0	01/24/2012	ND	206	103	200	8.99	
EXT DRO >C28-C35	<10.0	10.0	01/24/2012	ND					
Surrogate: 1-Chlorooctane	87.8 %	6 55.5-154	#						
Surrogate: I-Chlorooctadecane	102 %	6 57.6-158	8						

Cardinal Laboratories

*=Accredited Analyte

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Celeg Li Keine



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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Celeg D. Keine



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	Basin Environmental Service		nol	ogie	s, LLC	:]		BIL	47	Õ					F	NAL	YSIS	RE	QUES	ST.		- المناور	
Project Manager	:Ben J. Arquijo					7	2.0.									Ī						·	
Address: F.O.						(Con	npany: 5	0PC0,	LP			l		1	- 1	1		į		ľ	l	
City: Lavanate	on State: NM	Zip	: 88	3250		,	Attn	: Tony	Savo.	ie			Ì								l		
Phone #: (575)		١-٥٤٤	429			,	Add	ress: 52	3 W. I	Mern	Los		1	1	Ì	l	1		· 1		}	1	
Project #:	Project Own	er: 30	PCO	, LF			City	: Carlst	oad				j	ì		1	Ì				1	1	
Project Name: B	ass 3 Federal Battery #1 Reme	ediat	ion	& Re	azro-F.	it :	Stat	te: NM	Zip: 3	822)					1					- 1		
Project Location	: Eddy Co., NM						Pho	ne#: (43	2)556	-87	30		$\overline{}$										
Sampler Name:	Ben J. Arguijo						Fax						8			. 1							
FOR LAB USE ONLY		7.			MATRI	X	4	PRESERV.	SAF	MPLI	NG		80151									- 1	
Lab I.D. 원2(조)(약)	Sample I.D.	(G)RAB OR (C)OMF	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER	ACID/BASE ICE / COOL OTHER	DA	TE	TIME	Chla:de	TO# (81	BIEK									
1	5B-2B5'	6	Ц		X			X	1/17/	/2	0800		χ										
2	SB-2 @ 10'	-1.1	Ц								0805		K										
3	213-7 € 20,	$-\Box$	\coprod			:	_				0830	X	K		<u> </u>		ļ	ļ		ļ			
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January 23, 2012

BEN J. ARGUIJO

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: BASS 3 FEDERAL BATTERY #1 REMEDIATION & RETRO-FIT

Enclosed are the results of analyses for samples received by the laboratory on 01/19/12 11:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celeg D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Basin Environmental Service BEN J. ARGUIJO P.O. Box 301 Lovington NM, 88260

Fax To:

(575) 396-1429

Received:

01/19/2012

Sampling Date:

01/17/2012

Reported:

01/23/2012

Sampling Type:

Soil

Project Name:

BASS 3 FEDERAL BATTERY #1 REMEDIA

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Project Location:

Sample Received By:

Jodi Henson

EDDY CO., NM

Sample ID: SB - 3 @ 5' (H200129-01)

TPH 8015M	mg/l	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/20/2012	ND	193	96.3	200	9.45	
DRO >C10-C28	40.9	10.0	01/20/2012	ND	179	89.6	200	5.71	
EXT DRO >C28-C35	<10.0	10.0	01/20/2012	ND					
Surrogate: 1-Chlorooctane	85.0 %	6 55.5-15	4						
Surrogate: 1-Chlorooctadecane	101 %	57.6-15	8					•	

Sample ID: SB - 3 @ 10' (H200129-02)

Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	01/20/2012	ND	448	112	400	3.64	
TPH 8015M	mg/l	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/20/2012	ND	193	96.3	200	9.45	
DRO >C10-C28	<10.0	10.0	01/20/2012	ND	179	89.6	200	5.71	
EXT DRO >C28-C35	<10.0	10.0	01/20/2012	ND					
Surrogate: 1-Chlorooctane	82.7 %	6 55.5-154	!			T***	······································		
Surrogate: 1-Chlorooctadecane	93.6 %	6 57.6-158	•						

Cardinal Laboratories

*=Accredited Analyte

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Celeg E. Keene



Basin Environmental Service BEN J. ARGUIJO P.O. Box 301

Lovington NM, 88260 (575) 396-1429

Fax To:

Received: Reported: 01/19/2012

01/23/2012

Project Name:

Project Number: NONE GIVEN

Project Location:

BASS 3 FEDERAL BATTERY #1 REMEDIA

EDDY CO., NM

Sampling Date:

Sampling Type:

01/17/2012 Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: SB - 3 @ 25' (H200129-03)

BTEX 8021B	mg,	kg	Analyze	d By: AP		· · · · · · · · · · · · · · · · · · ·			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2012	ND	1.97	98.7	2.00	1.10	
Toluene*	<0.050	0.050	01/23/2012	ND	2.12	106	2.00	0.0184	
Ethylbenzene*	<0.050	0.050	01/23/2012	ND	2.13	107	2.00	0.824	
Total Xylenes*	< 0.150	0.150	01/23/2012	ND	6.59	110	6.00	0.938	

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/20/2012	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS	-				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/20/2012	ND	193	96.3	200	9.45	
DRO >C10-C28	<10.0	10.0	01/20/2012	ND	179	89.6	200	5.71	
EXT DRO >C28-C35	<10.0	10.0	01/20/2012	ND					

Surrogate: 1-Chlorooctadecane 107 % 57.6-158

Sample ID: SB - 3 @ 40' (H200129-04)

Chloride, SM4500CI-B	mg	/kg		d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	01/20/2012	ND	448	112	400	7.41	

Cardinal Laboratories *=Accredited Analyte

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

Celeg D. Keene



Basin Environmental Service BEN J. ARGUIJO P.O. Box 301 Lovington NM, 88260

Fax To:

(575) 396-1429

Received:

01/19/2012

Sampling Date:

01/17/2012

Reported:

01/23/2012

Sampling Type:

Soil

Project Name:

BASS 3 FEDERAL BATTERY #1 REMEDIA

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

EDDY CO., NM

Sample ID: SB - 3 @ 45' (H200129-05)

BTEX 8021B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS % Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2012	ND	1.97	98.7	2.00	1.10	
Toluene*	<0.050	0.050	01/23/2012	ND	2.12	106	2.00	0.0184	
Ethylbenzene*	<0.050	0.050	01/23/2012	ND	2.13	107	2.00	0.824	
Total Xylenes*	<0.150	0.150	01/23/2012	ND	6.59	110	6.00	0.938	
Surrogate: 4-Bromofluorobenzene (PIL	110%	6 64.4-13	4						7.0-
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AP		~~				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/20/2012	ND	448	112	400	7.41	
TPH 8015M	mg/l	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/20/2012	ND	193	96.3	200	9.45	
DRO >C10-C28	<10.0	10.0	01/20/2012	ND	179	89.6	200	5.71	
EXT DRO >C28-C35	<10.0	10.0	01/20/2012	ND					•
Surrogate: 1-Chlorooctane	89.6%	55.5-15-	1						
Surrogate: 1-Chlorooctadecane	102 %	57.6- 15 8	8						

Cardinal Laboratories

*=Accredited Analyte

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Celeg E. Keine



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 SM4500CI-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey & Keene



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	BILL TO				S REQUI		
Company Name: Basin Environmental Service Technologies, BLC Project Manager: Ben J. Arguijo							
Address: P.O. Box 301					1	1 1 1	
City: Lovington. State: NM Zip: 88266					 		
Phone #: (575)396-2378							
Project #: Project Owner: BOPCO, LP					1 1		į.
& Retro-Fit	State: NM Zip: 88220						
	Phone #: (432) 556-8730						
	Fax #:]	1 1			
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	GROUNDWATER WASTEWATER KILINGE SCILINGE	Address: 522 W. Mermod LP City: Carlsbad \$ Retro-Fit State: NM Zip: 88220 Phone #: (432) 556-8730 Fax #: MATRIX PRESERV SAMPLING WASTEMATER STATE MATRIX PRESERV SAMPLING 1007 JUN	Address: 522 W. Mermod LP City: Carlsbad a Retro-Fit State: NM Zip: 88220 Phone #: (432) 556-8730 Fax #: MATRIX PRESERV SAMPLING BENEFIT OF TIME A MATRIX PRESERV DATE A MATRI	Address: 522 W. Mermod LP City: Carlsbad a Retro-Fit State: NM Zip: 88220 Phone #: (432) 556-8730 Fax #: MATRIX PRESERV SAMPLING WAY BURN BURN BURN BURN BURN BURN BURN BURN	Address: 522 W. Mermod LP City: Carlsbad a Retro-Fit State: NM Zip: 88220 Phone #: (432) 556-8730 Fax #: MATRIX PRESERV SAMPLING WALLEW BOOD AND AND AND AND AND AND AND AND AND AN	Address: 522 W. Mermod LP City: Carlsbad a Recro-Fic State: NM Zip: 88220 Phone #: (432) 556-8730 Fax #: MATRIX PRESERV SAMPLING BY BOON BY DONE BY DONE TIME WE SAMPLING WE SAMPLIN	Address: 522 W. Mermod LP City: Carlsbad \$ Retro-Fit State: NM Zip: 88220 Phone #: (432) 556-8730 Fax #: MATRIX PRESERV SAMPLING W X 1/17/12 /030 X 1/1055 K X X 1/105 K X X 1/100 K X X 1/100 K X X 1/100 K X X

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	1/19/12		Fax Result: Yes No Add'l Fax #:				
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Relin é úished By:	Date 9112.	Received By:					
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Delivered By: (Circle One)		J Sample Condition CHECKED BY:	& TAsavole@BassPer.com				
Sampler - UPS - Bus - Other:		Cool Intact (Muluals)	a lasavoleebasseet.com				

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



March 12, 2012

BEN J. ARGUIJO

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: BASS 3 FEDERAL BATTERY #1 REMEDIATION & RETRO-FIT

Enclosed are the results of analyses for samples received by the laboratory on 03/06/12 9:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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 accredited certif.html.

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

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey & Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Basin Environmental Service BEN J. ARGUIJO P.O. Box 301 Lovington NM, 88260

Fax To:

(575) 396-1429

Received:

03/06/2012

Sampling Date:

03/05/2012

Reported:

Sampling Type:

Soil

Project Name:

03/12/2012

Sampling Condition:

Cool & Intact

Project Number:

BASS 3 FEDERAL BATTERY #1 REMEDIA NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

EDDY CO., NM

Sample ID: SAMPLE #1 (H200576-01)

Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AP			<u></u>			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	03/07/2012	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1100	100	03/09/2012	ND	250	125	200	2.40	
DRO >C10-C28	7180	100	03/09/2012	ND	199	99.7	200	0.875	
EXT DRO >C28-C35	1140	100	03/09/2012	ND					

Surrogate: 1-Chlorooctane

172 %

55.5-154

Surrogate: 1-Chlorooctadecane

140 %

57.6-158

Sample ID: SAMPLE #2 (H200576-02)

Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP			<u> </u>			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2680	16.0	03/07/2012	ND	416	104	400	0.00		
TPH 8015M	mg/kg		Analyzed By: MS						S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	3920	100	03/09/2012	ND	250	125	200	2.40		
DRO >C10-C28	11000	100	03/09/2012	ND	199	99.7	200	0.875		
EXT DRO >C28-C35	1820	100	03/09/2012	ND						
Surrogate: 1-Chlorooctane	237 %	6 55.5-154	1							
Surrogate: 1-Chlorooctadecane	222 %	57.6-158	?							

Cardinal Laboratories

*=Accredited Analyte

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Caley E. Keine



Basin Environmental Service BEN J. ARGUIJO P.O. Box 301 Lovington NM, 88260

Fax To:

(575) 396-1429

Received:

03/06/2012

Sampling Date:

03/05/2012

Reported:

03/12/2012

Sampling Type:

Soil

Project Name:

BASS 3 FEDERAL BATTERY #1 REMEDIA

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Project Location:

EDDY CO., NM

333 %

57.6-158

Sample Received By:

Jodi Henson

Sample ID: SAMPLE #3 (H200576-03)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4240	16.0	03/07/2012	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	5360	100	03/09/2012	ND	250	125	200	2.40	
DRO >C10-C28	18300	100	03/09/2012	ND	199	99.7	200	0.875	
EXT DRO >C28-C35	2470	100	03/09/2012	ND					
Surrogate: 1-Chlorooctane	435	% 55.5-15	4						

Sample ID: SAMPLE #4 (H200576-04)

Surrogate: 1-Chlorooctadecane

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	03/07/2012	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/10/2012	ND	250	125	200	2.40	
DRO >C10-C28	116	10.0	03/10/2012	ND	199	99.7	200	0.875	
EXT DRO >C28-C35	41.5	10.0	03/10/2012	ND					
Surrogate: 1-Chlorooctane	89.9	% 55.5-15	4						
Surrogate: 1-Chlorooctadecane	80.6	% 57.6-15	8						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene



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

Received:

03/06/2012

Sampling Date:

03/05/2012

Reported:

03/12/2012

Sampling Type:

Soil

Project Name:

BASS 3 FEDERAL BATTERY #1 REMEDIA

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

EDDY CO., NM

Sample ID: SAMPLE #5 (H200576-05)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5440	16.0	03/07/2012	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS			·		S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	2530	100	03/09/2012	ND	250	125	200	2.40	
DRO >C10-C28	17700	100	03/09/2012	ND	199	99.7	200	0.875	
EXT DRO >C28-C35	1910	100	03/09/2012	ND					

Surrogate: 1-Chlorooctane

304 %

55.5-154

Surrogate: 1-Chlorooctadecane

277 %

57.6-158

Sample ID: SAMPLE #6 (H200576-06)

Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11100	16.0	03/07/2012	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyze	Analyzed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	644	100	03/09/2012	ND	250	125	200	2.40	
DRO >C10-C28	12500	100	03/09/2012	ND	199	99.7	200	0.875	
EXT DRO >C28-C35	1900	100	03/09/2012	ND					
Surrogate: 1-Chlorooctane	193 %	6 55.5-15	4		,				
Surrogate: 1-Chlorooctadecane	273 %	6 57.6-15c	8						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Oamages. 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, is subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims 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.

Celeg E. Keene



Notes and Definitions

S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.

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 clients 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 claims 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.

Celeg D. Kune



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	Basin Environmental Service T		no.	ogies, LLC		BII	L TO					Α	NAL	YSIS	REC	QUES	ST.			
Project Manager	Ben 3. Arguijo				P.C). #:											Ī			
Address: P.D.					Co	mpany: ≅0	OPCO, LP		1		- 1	- 1	l	[[ŀ	l	ı	j	
City: Lovings:	State: NM	Zip	38	1260	Att	n: Tony	Savoie			Ì	1	- 1	1	l	- 1		1	l	1	l
Phone #: (575)	396-2378 Fax #: (575) 33	6-1	429		Ad	dress: 522	w. Mern	īod			1	- }	- 1	ŀ		l	1	İ	- 1	Ì
Project#:	Project Owner	: BO	PCO	, LF	Cit	y: Carlsb	ad.			l	- [1			l	ĺ		ŀ		- [
Project Name: B	ASS 3 FEDERAL B REMEDIATION + R	EYR	٠. F	ΤT	Sta	ite: NM	Zip: 8822)			1		1	İ						
	TEDDY N.M.					one #: (43:				1		1	1	1		1		,		1
	Jody Walters					x #:				ļ			l	ļ						
FOR LAB USE CALLY		Γ.		MATRIX		PRESERV.	SAMPLI	NG			Ì		1	1					ĺ	
Lab I.D. お2いうづう	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL	ОТНЕЯ	ACIDIBASE ICE / COOL OTHER.	DATE	TIME	Chlorides	8015111										
4	SAMPLE HI	G	1	X ;		X	3.5.12	9:00	×	7										
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PLE ASE NOTE: Usakly and Damages. Daronal's vabely and contil excusive remedy for any orani ansing whether based in contract action, shall be invited to the ambunit paid by the clients to the unapplicable shall be invited in the contract of the contract of the property of the contract of the upplicable shallow or including those for notificable for modification or consequence damages, including wather traction business to the contract of the contract of the unapplicable shallow.

Relinquished By:	Date: / Received By:	Phone Result: 🖸 Yes 📋 No Add'l Phone #:
1//1	1/5/10	Fax Result: ☐ Yes ☐ No Add'I Fax #:
low walt	Time: 753-	REMARKS:
Relinquished By	Date: Received By:	
15 114	Time Time	
117	0700 ALL 1784 ALL 1	Please email results to probasinent.com
Delivered By: (Circle One)	Sample Condition CHECKED BY:	& TASAVOIGIBassPot.com
Sampler - UPS - Bus - Other:	Cool Intact (unitals)	

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

Page 6 of 6



April 02, 2012

BEN J. ARGULIO

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: BASS 3 FEDERAL BATTERY #1 REMEDIATION & RETRO-FIT

Enclosed are the results of analyses for samples received by the laboratory on 03/29/12 16:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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 accredited certif.html.

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

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Received:

03/29/2012

Sampling Date:

03/29/2012

Reported:

04/02/2012

Sampling Type:

Soil

BASS 3 FEDERAL BATTERY #1 REMEDIA

57.6-158

Cool & Intact

Project Name:

Sampling Condition:

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

Surrogate: 1-Chlorooctadecane

EDDY CO., NM

116%

Sample ID: SAMPLE #1 (H200753-01)

TPH 8015M	mg	/kg	Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	106	10.0	03/30/2012	ND	183	91.7	200	6.89	
DRO >C10-C28	470	10.0	03/30/2012	ND	178	88.8	200	8.58	
EXT DRO >C28-C35	44.8	10.0	03/30/2012	ND					
Surrogate: 1-Chlorooctane	135	% 55.5-15	·4						

Sample ID: SAMPLE #2 (H200753-02)

TPH 8015M	mg/l	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/30/2012	ND	183	91.7	200	6.89	
DRO >C10-C28	58.9	10.0	03/30/2012	ND	178	88.8	200	8.58	
EXT DRO >C28-C35	15.7	10.0	03/30/2012	ND					
Surrogate: 1-Chlorooctane	126 %	55.5-15	4						
Surrogate: 1-Chlorooctadecane	120 %	57.6-15	8						

· Cardinal Laboratories

*=Accredited Analyte

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Celegit Keine



Basin Environmental Service BEN J. ARGUIJO P.O. Box 301 Lovington NM, 88260

Fax To:

(575) 396-1429

Received:

03/29/2012

Sampling Date:

03/29/2012

Reported:

04/02/2012

Sampling Type:

Soil

Project Name:

BASS 3 FEDERAL BATTERY #1 REMEDIA

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Project Location:

EDDY CO., NM

Jodi Henson

Sample ID: SAMPLE #3 (H200753-03)

TPH 8015M	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/30/2012	ND	183	91.7	200	6.89	
DRO >C10-C28	201	10.0	03/30/2012	ND	178	88.8	200	8.58	
EXT DRO >C28-C35	64.3	10.0	03/30/2012	ND					
Surrogate: 1-Chlorooctane	1149	6 55.5-15	:4						
Surrogate: I-Chlorooctadecane	9649	% 57.6-15	8						

Sample ID: SAMPLE #4 (H200753-04)

TPH 8015M	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	61.8	10.0	03/30/2012	ND	183	91.7	200	6.89	
DRO >C10-C28	460	10.0	03/30/2012	ND	178	88.8	200	8.58	
EXT DRO >C28-C35	37.5	10.0	03/30/2012	ND					
Surrogate: 1-Chlorooctane	118%	6 55.5-15	4						10
Surrogate: 1-Chlorooctadecane	110 %	6 57.6-15	8						

*=Accredited Analyte Cardinal Laboratories

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Celey D. Keene



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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Celeg to Keine



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Please email results to pm@basisenv.com

& TAsavoieWEasePet.com

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

Company Name: Basin Environmental Service Technologies, LLC				L	BILL TO							***************************************	ANA	LYSIS	SRE	QUE.	SI						
					P.O. #:																		
Address: P.O. Box 301						Company: BOPCO, LP																	
Cily: Lovington State: NM Zip: 88260					Attn: Tony Savoie				_	1								!					
Phone #: (575	5) 396-2378 Fax #: (575)	396-	142	9		en	Αċ	ldre	ss: 52	2 w. Mer	mod	.]				-							
Project #:	Project Own	er: B	OPCC	0.	LP		Ci	ty: C	Carls	bad													
Project Name:	BASS 3 FEDERALHI Battery Remedia	<u>ation</u>	U V	12e1	trof.+	•	St.	ate:	NM	Zip: 3822	:0	_											
	in: EDDY NM						È'n	ioņe	#: (43	32) 556-67	/30										,		
	: Jody Walters	ecoupero A	eropeante.	انسدوا				x #:	***************************************	nago i amo no manimumin		_				-					į į		
FOR LABIUSE CHLY		0.		_	MA	TRIX		PRE	ESERV	SAMPL	ING I	-				ŀ						!	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	AIN	GROUNDWATER	WASTEWATER SOIL	SUDGE	OTHER:	ACIO/BASE:	ICE / COOL	DÁTE	TIME	8015M											
	SAMPLE HI	G		1	X		1		X	329.12	9:00	بد									C. (1990)		
2	Simple #2	(6	- 1		1				X	3-29-12		14											
3	Sample#3	G			X		1		X i	3 - 29 - 12		134											
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lor/w	N Ting 15	16			li .	De	M	0	OM	A security	Fax Resu REMARK									***************************************			
Refinquished B	By: Date:	18	jecei	iveq	d By:																		
F //	Time										į.												

CHECKED BY:

Sample Condition Cool Intact: TYes TYes No No

Time:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:



April 20, 2012

BEN J. ARGUIJO

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: BASS 3 FEDERAL BATTERY #1

Enclosed are the results of analyses for samples received by the laboratory on 04/18/12 8:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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 accredited certif.html.

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

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celeg & Keena

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



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

Received:

04/18/2012

Sampling Date:

04/17/2012

Reported:

04/20/2012

Sampling Type:

Soil

Project Name:

BASS 3 FEDERAL BATTERY #1

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Project Location:

Sample Received By:

Jodi Henson

EDDY CO. NM

Sample ID: SAMPLE #1 (H200891-01)

Chloride.	SM4500CI-E	t

mg/kg

Analyzed By: AP

Analyte

Result

656

Reporting Limit Analyzed

16.0

Reporting Limit

Reporting Limit

16.0

Reporting Limit

16.0

Method Blank

432

BS

108

% Recovery

True Value QC 400

RPD 0.00

0.00

Qualifier

Sample ID: SAMPLE #2 (H200891-02)

Chloride, SI	м4500CI-В
	Analyte

Analyzed By: AP

04/19/2012

Analyzed

Analyzed

04/19/2012

Chloride

Chloride

Result 464

04/19/2012 16.0

Method Blank ND

Method Blank

ND

ND

BS 432 % Recovery 108

True Value QC 400

Qualifier RPD

Chloride

Chloride

Sample ID: SAMPLE #3 (H200891-03)

Chloride, SM4500Cl-B

Analyte

Analyte

mg/kg Result

576

Result

480

Analyzed By: AP

BS

432

% Recovery

108

True Value QC

400

RPD

0.00

Qualifier

Sample ID: SAMPLE #4 (H200891-04)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP

Analyzed 04/19/2012 Method Blank

ND

BS 432 % Recovery 108

True Value QC 400

RPD

0.00

Qualifier

Cardinal Laboratories

*=Accredited Analyte

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Celegit : Keine



Basin Environmental Service BEN J. ARGUIJO P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: Reported: 04/18/2012

04/20/2012

Project Name: Project Number: BASS 3 FEDERAL BATTERY #1 NONE GIVEN

Project Location:

EDDY CO. NM

Sampling Date:

Sampling Type:

ype: Soil

Sampling Condition: Sample Received By: Cool & Intact

04/17/2012

Jodi Henson

Sample ID: SAMPLE #5 (H200891-05)

Chloride, SM45UUCI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	04/19/2012	ND	432	108	400	0.00	

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



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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Celeg E Keena



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

***************************************	(5/5) 393-2326 FAX (5/5) 393-24/	0																		 	
Company Name: Basin Environmental Service Technologies, LLC					T		8/	LL TO	ANALYSIS REQUEST												
Project Manager: Ben J. Arguijo					F	P. O.	4.														
Address: P.O. Box 301					c	omp	oany: B	OPCO, LP]		ĺ									
City: Lovings	on State: NM	Zip	: g.	260	-	1	Attn:	Tony	Savoie			ĺ									
Phone #: (575) 395-2378 Fax #: (575) 3	96-1	1423	}			ddre	ess: 52	2 w. Merr	nod	.]							Ì			
Project#:	Project Owner	r: EC	PCC), LP			ity:	Carist	oad]										
Project Name:	BASS & FEDERAL Battery #1	············	********			5	tate	MH	Zip: 8822	0											
1	n: EDDY, NM.					F	hon	e#:(43	2)556-87	30]										
Sampler Name:	Jody Walters.					P	ax.#	:]										
FOR LAB USE ONLY				N.	ATRIX		PR	ESERV	SAMPLI	NG]										
Lab I.D. }{20089 <i>(</i>	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER	SOIL	SLUDGE	ACID/BASE:	ICE / COOL OTHER:	DATE	TIME	Chloride										
l l	SAMPLE #1	G-			(Ιχ		7:00	X										
2	Sumple #2	G			X :			У	4-17-12		X										
3	Sample #3	G	Ŀ		У			У		2:20	1		<u> </u>							 	
나	Sample #4	G	1		X			Х.,	4-17-12		1									 	w
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BLEASE MOTE: 11-2 No. 1	nd Damages, Carrinal's lutchty and often 's endosize remedy for a	_	L			200		el na troca		4											
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PLEASS FORE: Utbalky and Demays, Coming's knowly, and chem's encourse gravely for any care invited where based in contract or tan, shall be britted to the amount bad by the client for the analyses. At clients in trading those for regigence, and any other course whatsoever shall be decided waved unless means in vising and received by Cardinal white all quality after completion of the applicable strategy in the extension of Cardinal be finished for indicated at a consequental damages, adding addictal gradiest into event time Cardinal before for indicated at a consequental damages, adding addictal gradiest for indicated and the consequental damages, adding addictal gradiest for indicated and the consequents of the consequents.

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