Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 DEC 1 8 2013 Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action RECEIVED

					OPEF	RATOR			Initial I	Report	X Final Report	
Name of Co	mpany	BOPCO, LI)			Contact To	ony Savoie					
		rmod, Suite	704, Carl	sbad, NM 8822	20	Telephone No. (432)556-8730						
Facility Nar	ne CA Lo	omis Federa	l Comm.	#1		Facility Typ	e E&P					
Surface Ow	ner Fede	ral		Mineral C)wner	Federal			Lease N	NO. NM 04	229-B API #30-025-27151	
						N OF RE	LEASE					
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	East/V	st/West Line County			
E	5	215	32E						Eddy			
								l		L		
	Latitude 32.517704° NorthLongitude 103.703150° West											
				NAT	URE	OF REL						
Type of Rele	ase Conder	nsate				Volume of condensate	Release 115 bbl	s of	Volume I	Recovered	0 bbls	
Source of Re	lease Prod	uction Tank					Iour of Occurrenc	e		Hour of E 2:15 p.m.	liscovery	
Was Immedia	ate Notice (If YES, To	Whom?			A		
			es No N	Not Required		-	NMOCD and Jir					
By Whom?						Date and Hour 5/17/11 at 12:50 p.m. If YES, Volume Impacting the Watercourse.						
Was a Water	course Read		Yes >	(No		If YES, Vo	blume Impacting t	he Wate	ercourse.			
10 111			-								·-····································	
If a Watercou	irse was Im	pacted, Descr	be Fully.	•								
									_		· · · · · ·	
				n Taken:* The pro mediation activiti		tank develop	bed a hole in the b	ottom o	f the tank.	The tank v	was isolated and	
Describe Are	a Affected	and Cleanup A	Action Tak	en.* The spill wa	s contai	ned inside the	e earthen containn	nent aro	und the pro	oduction ta	anks. All of the fluid	
either evapor	ated or soal	ked into the g	round aro	und the tanks. Fol	lowing	initial respon	se activities, the t	ank batt	ery was de	eactivated	and removed from the	
				NMOCD recomm ing remediation ac							ary & Risk-Based Site	
											to NMOCD rules and	
regulations a	ll operators	are required	to report	and/or file certain	release	e notification	s and perform co	rrective	actions fo	r releases.	, which may endanger	
											he operator of liability	
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							OIL CON	SERV	ATION	DIVIS	ION	
Signature:		n S	P NILLA				2	0. 1 4	1222		Rima	
Signature.		1	me	<u> </u>		Approved by	District Supervis)~~Y		1 - 1 · 3 X	
Printed Name	e: Tony Sav	voie		- <u></u>			District Supervise	Envi	ronment	al Spec	ialist 🐱	
Title: Waste	Mgmt. & R	emediation S	pecialist			Approval Dat	e: 12/18/13	·	Expiration	Date:		
E-mail Addre	ess: <u>TASav</u>	oie@BassPet.	com			Conditions of		-				
Date: 11	120/1	R Ph	one: (432	2)556-8730						180-	5-13-2921	
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Basin Environmental Service Technologies, LLC

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Effective Solutions

REMEDIATION SUMMARY &

RISK-BASED SITE CLOSURE REQUEST

BOPCO, LP

C.A. LOOMIS FEDERAL COMM. #1 Lea County, New Mexico Unit Letter "E" (SW/NW), Section 5, Township 21 South, Range 32 East Latitude 32.517704° North, Longitude 103.703150° West NMOCD Reference #: 1RP-5-13-2921

Prepared For:

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

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

August 2013

approved

Environmental Specialist NMOCD - DIST 1 12/18/13

Ben J. Arguijo

Project Manager

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Appendix B – Photographs

Appendix C – Soil Boring Logs

Appendix D – Laboratory Analytical Reports

Appendix E – Soil Disposal Manifests

1.0 INTRODUCTION & BACKGROUND INFORMATION

Basin Environmental Service Technologies, LLC (Basin), on behalf of BOPCO, LP (BOPCO), has prepared this *Remediation Summary & Risk-Based Site Closure Request* for the release site known as CA Loomis Federal Comm. #1 (CA Loomis). The legal description of the release site is Unit Letter "E" (SW/NW), Section 5, Township 21 South, Range 32 East, in Lea County, New Mexico. The geographic coordinates of the release site are 32.517704° North latitude and 103.703150° 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 May 17, 2011, BOPCO discovered a release had occurred at the CA Loomis tank battery. A hole developed in the bottom of a production tank, resulting in a release of condensate. The release was confined to the earthen containment berm surrounding the tank battery. During initial response activities, the tank was isolated and taken out of service.

The release was immediately reported to the New Mexico Oil Conservation Division (NMOCD) Artesia District Office. The "Release Notification and Corrective Action" (Form C-141) indicated approximately one hundred and fifteen barrels (115 bbls) of condensate were released, with no recovery. The release affected an area inside the earthen containment berm measuring approximately sixty-five feet (65') in length and approximately thirty feet (30') in width.

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

2.0 NMOCD SITE CLASSIFICATION

A search of the New Mexico Water Rights Reporting System (NMWRRS) database maintained by the New Mexico Office of the State Engineer (NMOSE) indicated information was unavailable for Section 5, Township 21 South, Range 32 East. A depth to groundwater reference map utilized by the NMOCD indicates groundwater should be encountered approximately seventy-seven feet (77') below ground surface (bgs). Based on the NMOCD ranking system, ten (10) 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') feet of the release. Based on the NMOCD ranking system, zero (0) points will be assigned to the site as a result of this criterion.

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

NMOCD guidelines indicate the C.A. Loomis Federal Comm. #1 release site has an initial ranking score of ten (10) points. The soil remediation levels for a site with a ranking score of ten (10) points are as follows:

- Benzene 10 mg/kg (ppm)
- B enzene, toluene, ethylbenzene, and xylenes (BTEX) 50 mg/kg (ppm)
- Total petroleum hydrocarbons (TPH) 1,000 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, on September 7, 2011, delineation of the release site commenced. Two (2) delineation trenches (Trench 1 and Trench 2) were advanced at the site to investigate the vertical and horizontal extent of impacted soil. Trench 1 was located near the release point, inside the earthen containment area surrounding the CA Loomis tank battery, and was advanced to a total depth of approximately five feet (5') bgs. Trench 2 was located in a pooling area near the terminus of the flow path of the release and was advanced to a total depth of approximately five feet (5') bgs. Trench 2 was located in a pooling area near the terminus of the flow path of the release and was advanced to a total depth of approximately six feet (6') bgs. Soil samples from the delineation trenches were field-screened using a chloride test kit and/or Photo-Ionization Detector (PID). Field-screening indicated that further vertical delineation would be required at the release site. The locations of the delineation trenches are depicted in Figure 2, "Site & Sample Location Map (2011 - 2012)".

On October 3, 2011, two (2) soil borings (SB-1 and SB-2) were advanced at the site to further delineate the vertical extent of impacted soil. Soil samples were collected at five-foot (5') drilling intervals and field-screened using a 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". The locations of the soil borings are depicted in Figure 2. Soil boring logs are provided as Appendix C. Laboratory analytical reports are provided as Appendix D.

Soil boring SB-1 was located near the release point, at the approximate center of the earthen containment area surrounding the CA Loomis tank battery. The soil boring was advanced to a total depth of approximately forty-five feet (45') bgs. Soil samples collected at drilling depths of ten feet (10'), fifteen feet (15'), twenty feet (20'), twenty-five feet (25'), thirty feet (30'), thirty-five feet (35'), forty feet (40'), and forty-five feet (45') bgs were submitted to the laboratory for analysis of BTEX, TPH, and/or chloride concentrations. Since the soil in the area had been disturbed during delineation activities and was presumed to be non-native backfill, no soil samples were collected at the ground surface or at five feet (5') bgs.

Laboratory analytical results indicated benzene concentrations were less than the laboratory method detection limit (MDL) in all submitted soil samples. BTEX concentrations ranged from less than the appropriate laboratory MDL in soil sample SB-1 @ 30' to 277.8 mg/kg in soil sample SB-1 @ 10'. TPH concentrations ranged from 95.4 mg/kg in soil sample SB-1 @ 45' to 16,900 mg/kg in soil sample SB-1 @ 10'. Chloride concentrations ranged from 48.0 mg/kg in soil sample SB-1 @ 30' to 112 mg/kg in soil sample SB-1 @ 45'.

Soil boring SB-2 was located approximately ten feet (10') to the south of the area defined by delineation trench Trench 2, at the terminus of the flow path of the release. The soil boring was advanced to a total depth of approximately twenty-five feet (25') bgs. Soil samples collected at drilling depths of five feet (5'), ten feet (10'), fifteen feet (15'), twenty feet (20'), and twenty-five feet (25') bgs were submitted to the laboratory for analysis of TPH and/or chloride concentrations. Soil sample SB-2 @ 25' was additionally analyzed for chloride concentrations, and soil sample SB-2 @ 15' was analyzed for both chloride and BTEX concentrations. Laboratory analytical results indicated TPH and BTEX constituent concentrations were less than the appropriate laboratory MDL in all submitted soil samples. The chloride concentrations in soil samples SB-2 @ 15' were both 32.0 mg/kg.

On February 1, 2012, two (2) hand-augered soil borings (Tank Core and Berm Core) were advanced inside the earthen containment area, along the flow path of the release, in order to determine the extent of impact from the ground surface to five feet (5') bgs. Soil boring Tank Core was advanced near the release point, approximately five feet (5') to the west-northwest of soil boring SB-1, and adjacent to an on-site crude oil storage tank. Soil boring Berm Core was advanced approximately five feet (5') to the east of delineation trench Trench 1, between the on-site water storage tank and the earthen berm surrounding the CA Loomis tank battery. A total of six (6) soil samples (Tank Core @ Surface, Tank Core @ 2', Tank Core @ 5', Berm Core @ Surface, Berm Core @ 2', and Berm Core @ 5') were submitted to the laboratory for analysis of TPH and chloride concentrations. Laboratory analytical results indicated TPH concentrations ranged from 4,014 mg/kg in soil sample Berm Core @ 2' to 29,949 mg/kg in soil sample Berm Core @ 2' and Berm Core @ Surface to 64.0 mg/kg in soil sample Berm Core @ 5'.

In March 2013, the CA Loomis tank battery was deactivated, and the on-site storage tanks were dismantled and removed from the location. Production was diverted to a temporary frac tank installed to the north of the old tank battery site.

On April 4, 2013, excavation of impacted soil commenced at the site. A chloride test kit was used to field-screen the horizontal extent of impacted soil and to guide the excavation. To facilitate remediation activities, the excavation was advanced in phases, from approximately five feet (5') bgs (Phase 1) to approximately twenty feet (20') bgs (Phase 3). From April 4 through May 1, 2013, excavated soil was stockpiled on-site, pending final disposition.

On April 9, 2013, one (1) soil sample (West Wall) was collected from the sidewall of the excavation and submitted to the laboratory for analysis of TPH and chloride concentrations. Laboratory analytical results indicated the TPH and chloride concentrations in soil sample West Wall were less than the appropriate laboratory MDL. The location of the soil sample is depicted in Figure 3, "Site & Sample Location Map (2013)".

A soil sample (Stockpile #1) was also collected from the stockpiled material and submitted to the laboratory for analysis of TPH and chloride concentrations. Laboratory analytical results indicated the TPH concentration in soil sample Stockpile #1 was 2,530 mg/kg, and the chloride concentration was 288 mg/kg.

Soil represented by soil sample Stockpile #1 was blended on-site with non-impacted material to facilitate biodegradation of TPH constituents.

On April 12, 2013, two (2) soil samples (Stockpile #2 and Stockpile #3) were collected from the stockpiled material and submitted to the laboratory for analysis of TPH and chloride concentrations. Laboratory analytical results indicated TPH concentrations ranged from 3,087 mg/kg in soil sample Stockpile #2 to 6,434 mg/kg in soil sample Stockpile #3.

Soil represented by soil samples Stockpile #2 and Stockpile #3 was blended on-site with non-impacted material to facilitate biodegradation of TPH constituents.

On April 17, 2013, fourteen (14) soil samples (Floor, Floor #2, Floor #3, Floor #4, Floor #5, North Wall, North Wall #2, North Wall #3, South Wall, South Wall #2, East Wall, East Wall #2, West Wall #2, and West Wall #3) were collected from the floor and sidewalls of the excavation and submitted to the laboratory for analysis of TPH and chloride concentrations. Laboratory analytical results indicated TPH concentrations ranged from less than the laboratory MDL in soil sample South Wall to 15,663 mg/kg in soil sample Floor #3. Chloride concentrations ranged from less than the laboratory MDL in soil sample South Wall to 9,820 mg/kg in soil sample Floor #2. Soil sample locations are depicted in Figure 3.

In addition, three (3) soil samples (Contaminated Soil, Clean Soil, and Mix Soil) were collected from the stockpiled and/or blended material on-site and submitted to the laboratory for analysis of TPH concentrations. Laboratory analytical results indicated TPH concentrations ranged from 10.0 mg/kg in soil sample Clean Soil to 19,370 mg/kg in soil sample Contaminated Soil.

Soil represented by soil samples Clean Soil and Mix Soil was blended to facilitate biodegradation of TPH constituents. Soil represented by soil sample Contaminated Soil was designated for disposal at an NMOCD-approved landfill.

On April 18, 2013, one (1) soil sample (Stockpile #2B) was collected from the blended material on-site and submitted to the laboratory for analysis of TPH concentrations. Laboratory analytical results indicated the TPH concentration in soil sample Stockpile #2 was 637 mg/kg.

Soil represented by soil sample Stockpile #2 was deemed acceptable for use as backfill material.

From April 24 through April 30, 2013, approximately one thousand, seven hundred cubic yards $(1,700 \text{ yd}^3)$ of impacted soil was transported to Lea Land, Inc. (NMOCD Permit # WM-01-035), for disposal. Soil disposal manifests are provided as Appendix E.

On April 25, 2013, five (5) soil samples (Stockpile #1A, Stockpile #2B, Stockpile #3A, Stockpile #4, and Stockpile #5) were collected from the stockpiled and/or blended material onsite and submitted to the laboratory for analysis of BTEX, TPH, and chloride concentrations. Laboratory analytical results indicated benzene concentrations were less than the laboratory MDL in all submitted soil samples. BTEX concentrations ranged from 2.07 mg/kg in soil sample Stockpile #2B to 22.8 mg/kg in soil sample Stockpile #1A. TPH concentrations ranged from 750 mg/kg in soil sample Stockpile #2B to 1,956 mg/kg in soil sample Stockpile #3A. Chloride concentrations ranged from 208 mg/kg in soil sample Stockpile #2B to 848 mg/kg in soil sample Stockpile #3A. Soil represented by soil sample Stockpile #2B was deemed acceptable for use as backfill material. Soil represented by soil samples Stockpile #1 and Stockpile #5 was blended together to facilitate biodegradation of TPH constituents, as was the soil represented by soil samples Stockpile #3A and Stockpile #4.

On April 26, 2013, three (3) soil samples (North Wall #2 B, East Wall #2B, and West Wall #3B) were collected from the sidewalls of the excavation and submitted to the laboratory for analysis of TPH and chloride concentrations. Laboratory analytical results indicated TPH concentrations were less than the laboratory MDL in all submitted soil samples. Chloride concentrations ranged from 160 mg/kg in soil samples North Wall #2B and East Wall #2B to 224 mg/kg in soil sample West Wall #3B.

On April 29, 2013, one (1) soil sample (South Wall #2B) was collected from the sidewall of the excavation and submitted to the laboratory for analysis of TPH and chloride concentrations. Laboratory analytical results indicated the TPH concentration in soil sample South Wall #2B was less than the laboratory MDL, and the chloride concentration was 608 mg/kg.

On May 1, 2013, a delineation trench was advanced in the floor of the excavation, at approximately twenty feet (20') bgs, in order to determine the vertical extent of impacted soil. The trench was located in the area represented by soil sample Floor and was advanced to a total depth of approximately forty feet (40') bgs. Soil samples collected at twenty-five feet (25'), thirty-feet (30'), thirty-five feet (35'), and forty feet (40') bgs were submitted to the laboratory for analysis of TPH and chloride concentrations. Laboratory analytical results indicated TPH concentrations were less than the laboratory MDL in all submitted soil samples. Chloride concentrations ranged from 64.0 mg/kg in soil sample Floor 25' bgs to 112 mg/kg in soil sample Floor 40' bgs.

A soil sample (South Wall #2C) was also collected from the sidewall of the excavation in the area represented by soil sample South Wall #2B. The soil sample was submitted to the laboratory for analysis of TPH and chloride concentrations. Laboratory analytical results indicated the TPH concentration in soil sample South Wall #2C was 10.9 mg/kg, and the chloride concentration was 64.0 mg/kg.

On May 2, 2013, one (1) soil sample (Stockpile #1 & #5 Mix) was collected from the blended material on-site and submitted to the laboratory for analysis of TPH and chloride concentrations. Laboratory analytical results indicated the TPH concentration in soil sample Stockpile #1 & #5 Mix was 1,564 mg/kg, and the chloride concentration was 448 mg/kg.

On May 8, 2013, one (1) soil sample (Stockpile #3A & #4 Mix) was collected from the blended material on-site and submitted to the laboratory for analysis of TPH and chloride concentrations. Laboratory analytical results indicated the TPH concentration was 833 mg/kg, and the chloride concentration was 464 mg/kg.

Soil represented by soil sample Stockpile #3A & #4 Mix was deemed suitable for use as backfill material.

On May 10, 2013, representatives of BOPCO and Basin Environmental met with a representative of the NMOCD Hobbs District Office to request permission to use soil represented by soil

sample Stockpile #1 & #5 Mix as backfill material. Permission was also requested to install a twenty (20) mil polyurethane liner on the floor of the excavation. The requests were approved by the NMOCD representative.

On May 15, 2013, a twenty (20) mil polyurethane liner was installed on the floor excavation at approximately twenty feet (20') bgs. A cushion of sand was installed approximately one foot (1') both above and below the liner to protect the liner from damage during installation and backfilling activities.

Based on laboratory analytical results, and with NMOCD approval, from May 15 through June 3, 2013, the excavation was backfilled in eighteen-inch (18") lifts, compacted, and contoured to fit the surrounding topography. Prior to backfilling, the final dimensions of the excavation were approximately seventy-two feet (72') in length, varying in width from approximately twenty-nine feet (29') to approximately fifty-nine feet (59'), and varying in depth from approximately ten feet (10') to approximately forty feet (40') bgs.

Following remediation activities, a new tank battery was installed in the footprint of the old battery, and the frac tank was disconnected and removed from the location. To mitigate future releases, a steel-walled containment area has been constructed around the new tank battery. A felt liner has been installed in the floor of the new containment area, and the floor and perimeter walls have been coated with an impermeable, spray-on polyurethane liner. The steel perimeter walls extend approximately two feet (2') above ground surface.

Should it be requested by the landowner, pastureland disturbed during remediation activities will be seeded with a BLM-approved seed mixture at a time conducive to germination.

4.0 QA/QC PROCEDURES

4.1 Soil Sampling

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

- BTEX concentrations in accordance with EPA Method SW-846 8021b
- TPH concentrations in accordance with EPA Method SW-846 8015M
- Chloride concentrations in accordance with EPA Methods 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 CA Loomis release site was excavated to the extent practicable, and soil samples collected from the floor and sidewalls of the excavation were analyzed by an NMOCD-approved laboratory. A twenty (20) mil polyurethane liner was installed on the floor of the excavation prior to backfilling, and the floor and perimeter walls of the new steel containment area surrounding the new CA Loomis tank battery were coated with a spray-on polyurethane liner. These engineered controls will help mitigate future releases and effectively inhibit vertical migration of contaminants to groundwater.

Basin Environmental recommends BOPCO provide the NMOCD Hobbs District Office and the BLM a copy of this *Remediation Summary & Risk-Based Site Closure Request* and request the NMOCD grant site closure to the CA Loomis release site.

6.0 LIMITATIONS

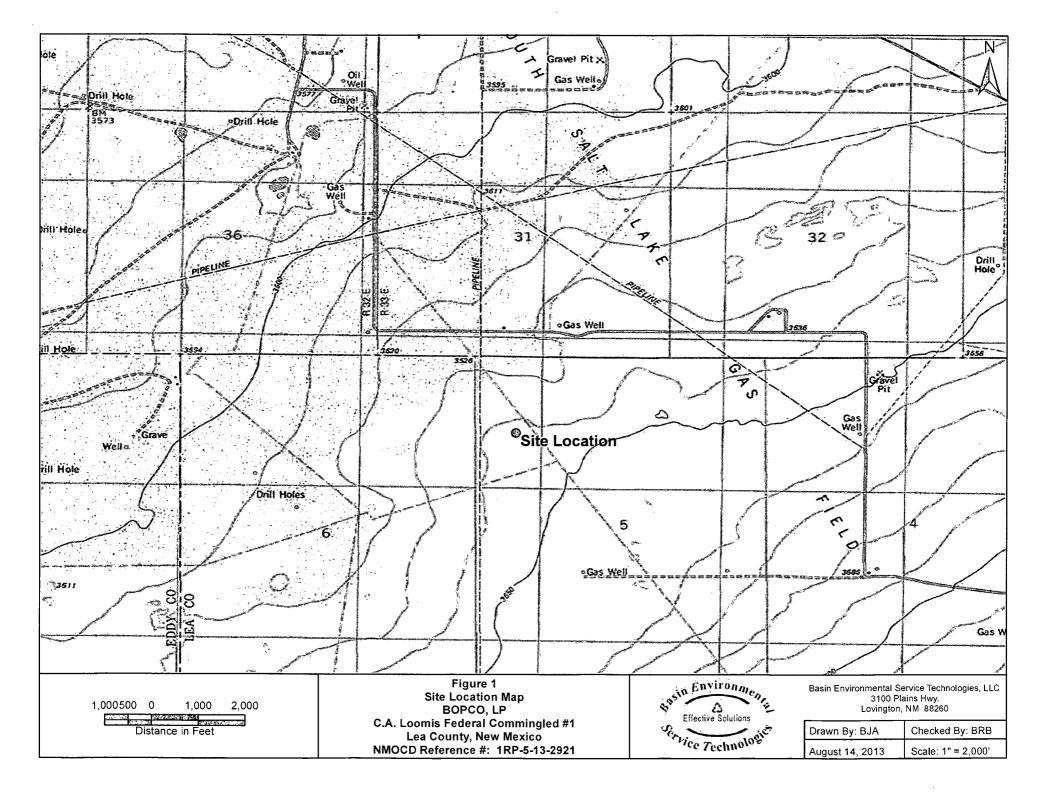
Basin Environmental Service Technologies, LLC, has prepared this *Remediation Summary & Risk-Based Site Closure Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. Basin Environmental has examined and relied upon documents referenced in the report and on 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.

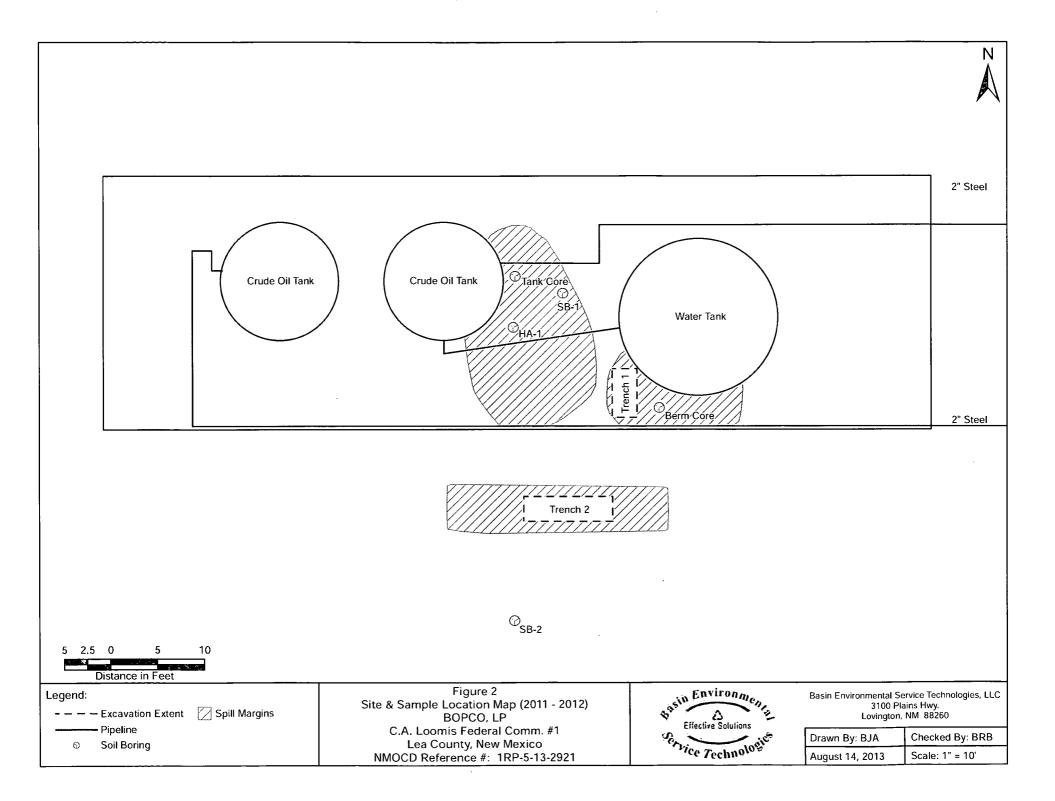
This report has been prepared for the benefit of BOPCO, LP. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of Basin Environmental Service Technologies, LLC, and/or BOPCO, LP.

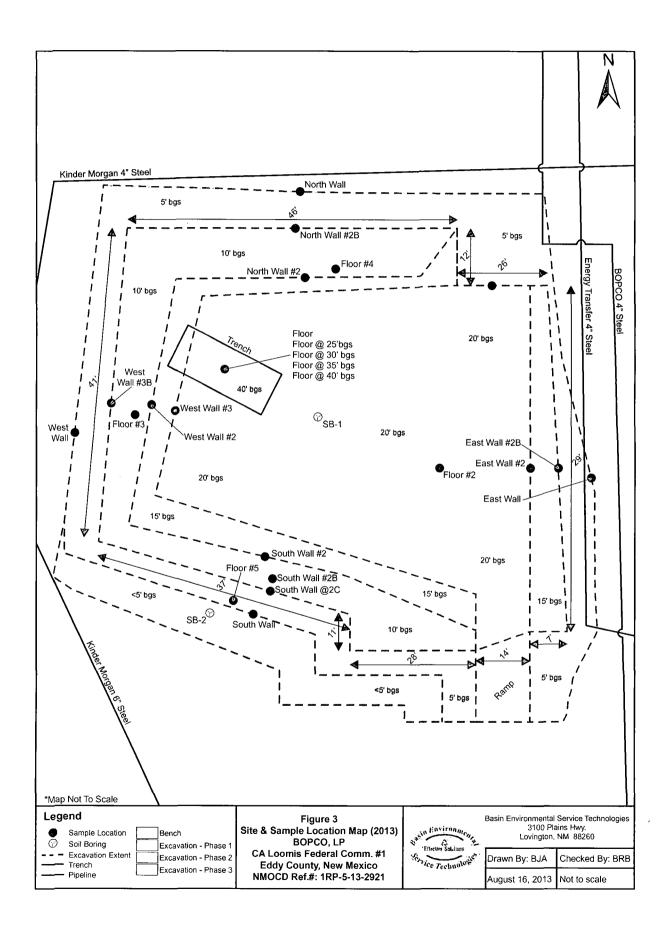
7.0 DISTRIBUTION:

- Copy 1: Geoffrey Leking New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division (District 1) 1625 French Drive Hobbs, NM 88240
- 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 C.A. LOOMIS FEDERAL COMM. #1 LEA COUNTY, NEW MEXICO NMOCD REFERENCE #: 1RP-5-13-2921

					METHOD: E	PA SW 846-80	21B, 5030		METHOD: 8015M			TOTAL	E 300
SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL- BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C ₆ -C ₁₂ (mg/Kg)	DRO C ₁₂ -C ₂₈ (mg/Kg)	ORO C ₂₈ -C ₃₅ (mg/Kg)	TPH C ₆ -C ₃₅ (mg/Kg)	CHLORIDE (mg/Kg)
SB - 1_@ 10'	10'	10/3/2011	In-Situ	< 0.500	36.6	25.2	216	277.8	7,340	9,560	<10.0	16,900	-
SB - 1 @ 15'	15'	10/3/2011	In-Situ	-	-	-	-	-	<10.0	145	<10.0	145	-
SB - 1 @ 20'	20'	10/3/2011	In-Situ		-	-	-	-	12.4	768	<10.0	780	-
SB - 1 @ 25'	25'	10/3/2011	In-Situ	-		-	-	-	<10.0	470	<10.0	470	-
SB - 1 @ 30'	30'	10/3/2011	In-Situ	< 0.050	< 0.050	<0.050	<0.150	<0.150	<10.0	168	<10.0	168	48.0
SB - 1 @ 35'	35'	10/3/2011	In-Situ	-	-	-	-	-	<10.0	223	<10.0	223	-
SB - 1 @ 40'	40'	10/3/2011	In-Situ	-	-	-	-	-	<10.0	162	<10.0	162	-
SB - 1 @ 45'	45'	10/3/2011	In-Situ	< 0.050	0.059	0.083	0.395	0.537	<10.0	95.4	<10.0	95.4	112
	5'	10/3/2011	In-Situ	· · ·						10.0	10.0		
SB - 2 @ 5'					-		-	-	<10.0	<10.0	<10.0	<10.0	-
SB - 2 @ 10'	<u>10'</u>	10/3/2011 10/3/2011	In-Situ In-Situ	<0.050	<0.050	<0.050	-	-	<10.0 <10.0	<10.0 <10.0	<10.0	<10.0	32.0
SB - 2 @ 15'		10/3/2011	In-Situ In-Situ				<0.150	<0.150	<10.0	<10.0	<10.0 <10.0	<10.0	
SB - 2 @ 20'	20'			<u> </u>	-		-	-				<10.0	-
SB - 2 @ 25'	25'	10/3/2011	In-Situ	-	-	-		-	<10.0	<10.0	<10.0	<10.0	32.0
Tank Core @ Surface	Surface	2/1/2012	In-Situ		-	-		-	<146	5.440	244	5.684	16.0
Tank Core @ 2'	2'	2/1/2012	In-Situ	-	-		-	-	1,970	2,730	82.2	4,782	<16.0
Tank Core @ 5'	5'	2/1/2012	In-Situ	-	_	-	_	-	11.300	10,200	351	21,851	48.0
Berm Core @ Surface	Surface	2/1/2012	In-Situ	-	-	-	-	-	1.340	22.900	840	25,080	<16.0
Berm Core @ 2'	2'	2/1/2012	In-Situ	-	-	-	-	-	1,260	2,690	63.5	4,014	16.0
Berm Core @ 5'	5'	2/1/2012	In-Situ	-	-	-	-	-	11,400	17,600	949	29,949	64.0
												!	
West Wall	5'	4/9/2013	In-Situ	-	-	-	-	-	<10.0	<10.0	<10.0	<10.0	<16.0
Stockpile #1	N/A	4/9/2013	Stockpiled		-	-		-	338	2,130	62.3	2,530	288
			<u>.</u>										
Stockpile #2	N/A	4/12/2013	Stockpiled	-	-	-	-		937	2,110	39.5	3,087	304
Stockpile #3	N/A	4/12/2013	Stockpiled		-	-			2,250	4,100	84.4	6,434	432
Floor	20'	4/17/2013	In-Situ	-	-	_		-	238	2.270	109	2,617	1,410
Floor #2	20'	4/17/2013	In-Situ	-	-				<10.0	19.2	<10.0	19.2	9,280
Floor #3	10'	4/17/2013	Excavated		-		-	-	4,330	11,200	133	15,663	1,700
Floor #4	15'	4/17/2013	Excavated	-	-	-	-		338	2,900	87.0	3,325	112
Floor #5	10'	4/17/2013	In-Situ	-	_	-	-		<10.0	757	17.8	775	272
North Wall	5'	4/17/2013	In-Situ		-	-	-	_	<10.0	10.0	<10.0	10.0	48.0
North Wall #2	15'	4/17/2013	Excavated	-	-	-			789	8,330	179	9,298	304
North Wall #3	19'	4/17/2013	In-Situ	-	-	-		-	<10.0	117	12.4	129	400
South Wall	5'	4/17/2013	In-Situ	-	-	-	-	-	<10.0	<10.0	<10.0	<10.0	<16.0
South Wall #2	19'	4/17/2013	Excavated	-	-	-	-	-	1,310	8,740	202	10,252	1,950
East Wall	5'	4/17/2013	In-Situ	-	-	-	-	-	<10.0	13.4	10.5	23.9	48.0

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

BOPCO, LP C.A. LOOMIS FEDERAL COMM. #1 LEA COUNTY, NEW MEXICO NMOCD REFERENCE #: 1RP-5-13-2921

SAMPLE				METHOD: EPA SW 846-8021B, 5030						THOD: 801	TOTAL	E 300	
SAMPLE LOCATION	DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL- BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C ₆ -C ₁₂ (mg/Kg)	DRO C ₁₂ -C ₂₈ (mg/Kg)	ORO C ₂₈ -C ₃₅ (mg/Kg)	TPH C ₆ -C ₃₅ (mg/Kg)	CHLORIDE (mg/Kg)
East Wall #2	19'	4/17/2013	Excavated	-	-	-	-	-	95.9	1,160	36.6	1,293	848
West Wall #2	15'	4/17/2013	Excavated	-	-	-	-	-	1,330	8,400	142	9,872	784
West Wall #3	19'	4/17/2013	Excavated	-	-	-	-	-	<10.0	126	13.3	139	7,360
Contaminated Soil	N/A	4/17/2013	Stockpiled	-	-	-	-	-	5,060	14,100	210	19,370	-
Clean Soil	N/A	4/17/2013	Stockpiled	-	-	-	-	-	<10.0	10.0	<10.0	10.0	-
Mix Soil	N/A	4/17/2013	Stockpiled	-	-		-	-	1,870	6,240	113	8,223	-
Stockpile #2B	N/A	4/18/2013	Blended		-	-	-	-	63.2	561	13.0	637	-
Stockpile #1A	N/A	4/25/2013	Blended	< 0.050	0.704	1.82	20.3	22.8	404	1.200	24.6	1,629	432
Stockpile #2B	N/A	4/25/2013	Blended	< 0.050	0.080	0.337	1.65	2.07	94.1	640	16.3	750	208
Stockpile #3A	N/A	4/25/2013	Blended	< 0.050	0.584	1.56	15.0	17.1	423	1.490	43.4	1,956	848
Stockpile #4	N/A	4/25/2013	Stockpiled	< 0.050	0.091	0.865	3.38	4.34	198	1,440	72.9	1,711	288
Stockpile #5	N/A	4/25/2013	Stockpiled	<0.050	0.330	0.788	8.22	9.34	195	782	16.0	993	224
North Wall #2B	19' 19'	4/26/2013 4/26/2013	In-Situ In-Situ		-		-		<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<u>160</u> 160
West Wall #3B	19'	4/26/2013	In-Situ	-	-		-	-	<10.0	<10.0	<10.0	<10.0	224
South Wall #2B	19'	4/29/2013	In-Situ	-	÷	-		-	<10.0	<10.0	<10.0	<10.0	608
Floor 25' bgs	25'	5/1/2013	In-Situ	-	-	-	-		<10.0	<10.0	<10.0	<10.0	64.0
Floor 30' bgs	30'	5/1/2013	In-Situ		-	-	-		<10.0	<10.0	<10.0	<10.0	80.0
Floor 35' bgs	35'	5/1/2013	In-Situ	-	-	-	-	-	<10.0	_ <10.0	<10.0	<10.0	96.0
Floor 40' bgs	40'	5/1/2013	In-Situ		-	-	-	-	<10.0	<10.0	<10.0	<10.0	112
South Wall #2C	19'	5/1/2013	In-Situ	-	-	-	•	-	<10.0	10.9	<10.0	10.9	64.0
Stockpile #1 & #5 Mix	N/A	5/2/2013	Blended		-	-	-	-	185	1,350	29.1	1,564	448
Stockpile #3A & #4 Mix	N/A	5/8/2013	Blended	-	-		-		80.1	696	57.1	833	464
NMOCD Criteria				10				50			· · · · ·	1,000	500

- = Not analyzed.

Appendices

•,

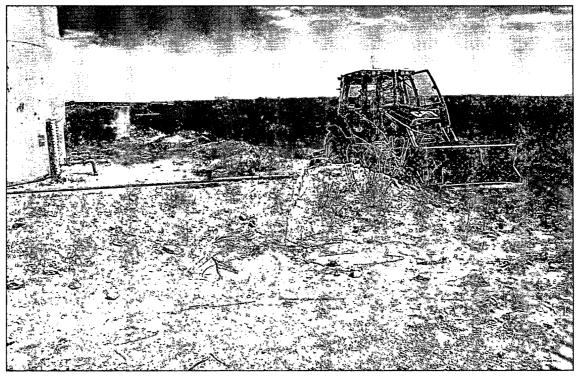
Appendix A Release Notification & Corrective Action (Form C-141)

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	vation Division Submit 2 Copies to appropriate
Name of Company BOPCO, L.P.	Contact Tony Savoie
Address 522 W. Mermod, Suite 704 Carlsbad, N.M. 88220	Telephone No. 432-556-8730
Facility Name: C.A Loomis Federal Comm. #1	Facility Type E&P
Surface Owner Federal Mineral Owner	Federal Lease No NM 04229-B
LOCATIO	NOF RELEASE API # 30-025-27151
Unit LetterSectionTownshipRangeFeet from theNorthE521S32ESectionSectionSection	/South Line Feet from the East/West Line County Lea
Latitude_N 32.517704	Longitude W 103.703150
NATURE	OF RELEASE
Type of Release: Condensate	Volume of Release: 115 bbls Volume Recovered: 0
Source of Release: Production Tank	Condensate Date and Hour of Occurrence Date and Hour of Discovery
	Sale and Hoar of Discovery .5/17/11, Hour unknown .5/17/11 12:15 p.m.
Was Immediate Notice Given?	If YES, To Whom? Buddy Hill NMOCD and Jim Amos BLM
By Whom? Tony Savoie	Date and Hour 5/17/11 12:50 p.m.
Was a Watercourse Reached?	If YES, Volume Impacting the Watercourse.
If a Watercourse was Impacted, Describe Fully.*	DTW = 771 tank developed a hole in the bottom of the tank. The tank was isolated and
placed out of service until it can be repaired or replaced.	
cither evaporated or soaked into the ground around the tanks. The contain The area at the point of the release will be sampled to determine vertical after the sampling event that will be in compliance with the NMOCD and I hereby certify that the information given above is true and complete to regulations all operators are required to report and/or file certain release r public health or the environment. The acceptance of a C-141 report by th	extent either by hand auger or air rotary rig. A remediation plan will be prepared BLM remediation guidelines: the best of my knowledge and understand that pursuant to NMOCD rules and notifications and perform corrective actions for releases which may endanger be NMOCD marked as "Final Report" does not relieve the operator of liability
or the environment. In addition, NMOCD acceptance of a C-141 report of federal, state, or local laws and/or regulations.	te contamination that pose a threat to ground water, surface water, human health loes not relieve the operator of responsibility for compliance with any other OIL CONSERVATION DIVISION
Signature: Eng Savere	Approved by District Supervised Werking Service Supervised Service Ser
	Approval Date: 65/10/13 Expiration Date: 07/10/13
E-mail Address: TASavoie@BassPet.com	Conditions of Approval: SUBMIT FINAL (-14) Attached.
Date: 5/17/11 Phone:432-556-8730	BY 07/10/13 IRP-5-13-2921

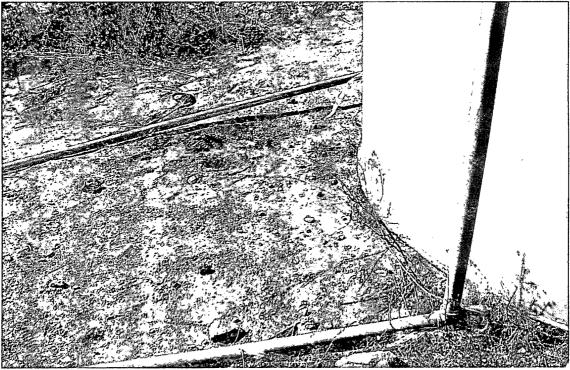
* Attach Additional Sheets If Necessary

- (7

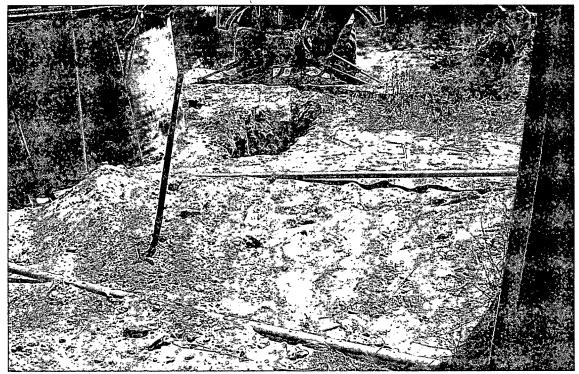
Appendix B Photographs



C.A. Loomis Comm. Federal #1 - Release Site (looking east-southeast)



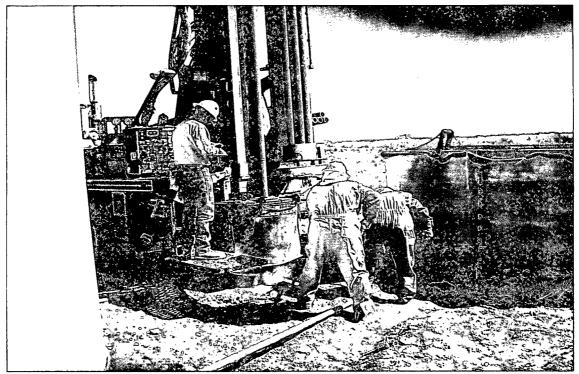
C.A. Loomis Comm. Federal #1 - Bore Hole "HA-1"



C.A. Loomis Comm. Federal #1 - Delineation Trench "Trench 1"



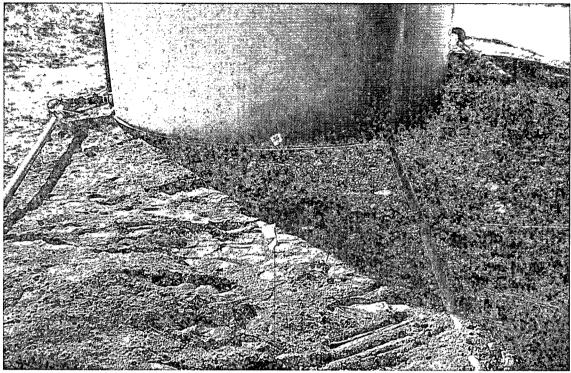
C.A. Loomis Comm. Federal #1 - Delineation Trench "Trench 2"



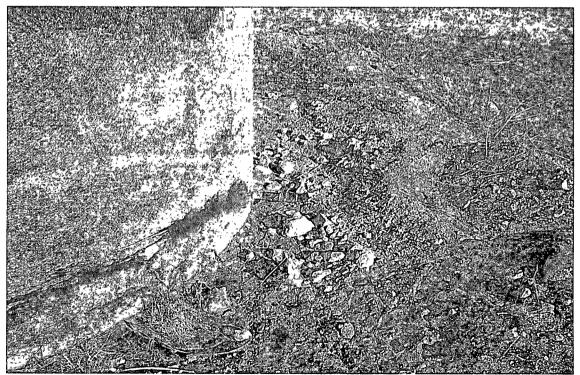
C.A. Loomis Comm. Federal #1 - Drilling Event, Soil Bore "SB-1"



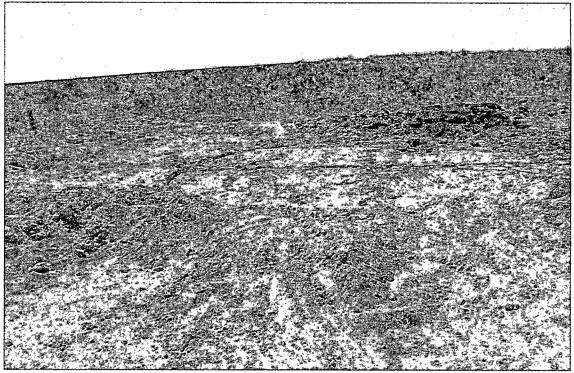
C.A. Loomis Comm. Federal #1 - Soil Bore "SB-2" (following P&A)



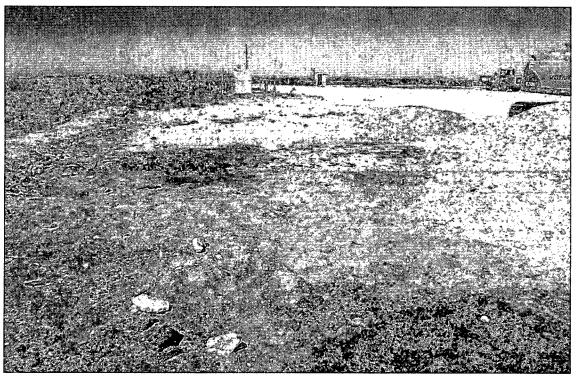
C.A. Loomis Comm. Federal #1 - Bore Holes "Tank Core" (flagged in yellow) & SB-1 (flagged in purple)



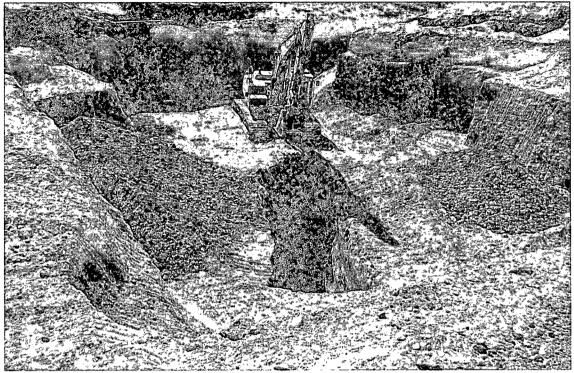
C.A. Loomis Comm. Federal #1 - Bore Hole "Berm Core" (flagged in yellow)



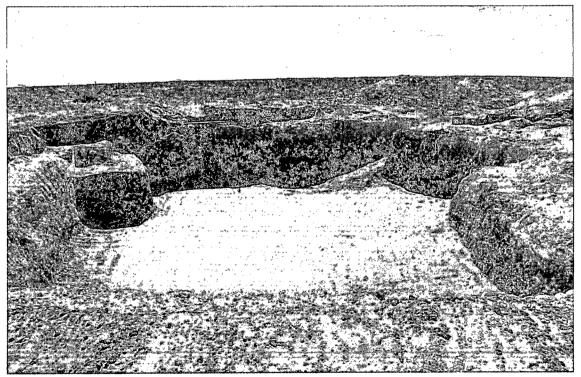
C.A. Loomis Comm. Federal #1 - Containment Area (following tank removal; footprint of storage tank visible in middleground)



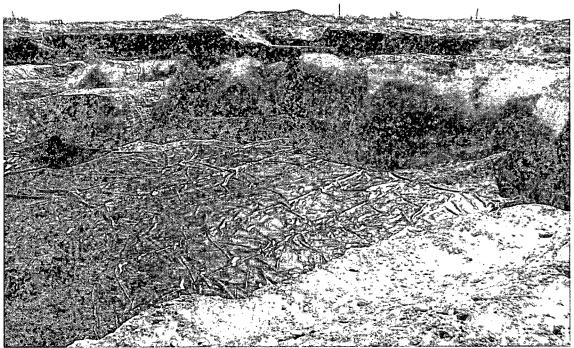
C.A. Loomis Comm. Federal #1 - Containment Area (following tank removal; looking west-northwest)



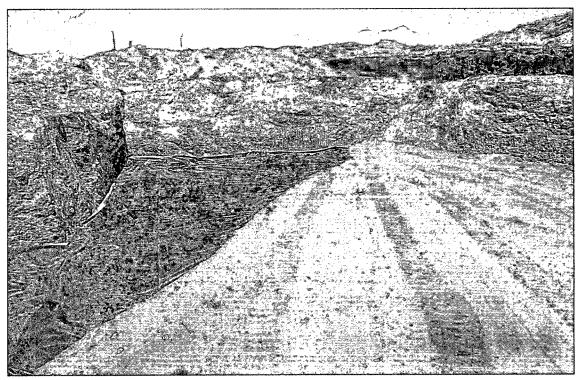
C.A. Loomis Comm. Federal #1 - Excavation



C.A. Loomis Comm. Federal #1 - Excavation (following installation of pad sand)



C.A. Loomis Comm. Federal #1 - Liner Installation



C.A. Loomis Comm. Federal #1 - Excavation (during installation of pad sand)



C.A. Loomis Comm. Federal #1 - Excavation (following backfill)



C.A. Loomis Comm. Federal #1 - Excavation (following backfill)

Appendix C Soil Boring & Monitor Well Logs

			S	oil B	orin	g SB	-1			
Depth Below Ground Surfac	l Soil	Chloride Field Test	PID Reading	Petroleum Odor	Petroleum Stain	Soil De	scription		Bori	ng SB-1
		<120	3,207	Heavy	None	0' - 7' - Red fi		Thic	brilled	
 			2,653	Heavy	None	7' - 11' - Tan i	fine sand - sandstone	Dept	to Groundwater Ind Water Elevation	
- 15 - 15 - 15			485	Heavy Heavy	None None	11' - 20' - Tan	n/red fine sand - Gypsum b	ands 🗴	Indicates the PSI on Indicates the gro measured on	_
- 20 - - - 25		(168)	(374)(511)	Heavy	None	20' - 24' - Red	d silty clay - Red fine sand	PID	Indicates sample Laboratory Analy	sis. ing in ppm obtained
			196	Slight Slight	None None	24' - 36' - Red	d fine sand - with clay			
			229	Slight	None	36' - 38' - Tar	n fine sand - with clay			
			(223) (165)	Slight	None	38' - 45' - Red	d fine sand -with clay - Gyp	osum band	ds	
										letion Notes
									using air rota 2.) The lines be on the profile	ig was advanced on date ry drilling techniques. ween material types shown log represent approximate Actual transitions may be
Soil Boring SB-	.1		CA Loomis	OPCO, LP s Federal Co			Basin Environmente		nvironmental Ser 3100 Plai Lovington, t	M 88260
Con Bornig OD	•	NM		unty, New Me ence #: 1RF			Effective Solutions	Prep By: August 1		Checked By: BRB
							< cfcbn.,	, agust I	., 2010	<u> </u>

Depth Below					
	Chloride Field PID Reading (120 (10.4) (30.0) (66.9) (120 (18.0) (1.8) (1.8)	Petroleum Petroleum Odor Stain None None None None None None None None	Soil Description or - 3' - Red fine sand 3' - 11' - Caliche - Tan fine sand - Sandstone 11' - 16' - Red fine sand - Gypsum bands 16' - 25' - Red fine sand with clay	Date Drilled Thickness of Bentonite Se	level measured dwater level selected for is, g in ppm obtained
				 The soil borin using air rota The lines beth on the prolile 	etion Notes g was advanced on dd y drilling techniques. veen material types st log represent approxir clual transiforms may

Appendix **D**

Laboratory Analytical Reports



October 12, 2011

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

RE: C A LOOMIS FEDERAL COMMINGLED #1

Enclosed are the results of analyses for samples received by the laboratory on 10/06/11 13:45.

Cardinal Laboratories is accredited through Texas NELAP for:

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

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

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 (V2, V3)

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

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

Received:	10/06/2011	Sampling Date:	10/03/2011
Reported:	10/12/2011	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY CO, NM		

Sample ID: SB - 1 @ 10' (H102153-01)

BTEX 8021B	mg/kg		Analyzed By: AP					S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.500	0.500	10/12/2011	ND	2.12	106	2.00	3.37		
Toluene*	36.6	0.500	10/12/2011	ND	2.02	101	2.00	3.11		
Ethylbenzene*	25.2	0.500	10/12/2011	ND	2.05	103	2.00	2.45		
Total Xylenes*	216	1.50	10/12/2011	ND	6.10	102	6.00	3.21		
Surrogate: 4-Bromofluorobenzene (PIL	180 \$	% 64.4-13	4							
TPH 8015M	mg/kg		Analyze	d By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	7340	10.0	10/10/2011	ND	179	89.7	200	2.29		
DRO >C10-C28	9560	10.0	10/10/2011	ND	169	84.4	200	2.97		
EXT DRO >C28-C35	<10.0	10.0	10/10/2011	ND						
Surrogate: 1-Chlorooctane	92.9	% 55.5-15	4							
Surrogate: 1-Chlorooctadecane	124 9	57.6-15	8							

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Kune

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:	10/06/2011	Sampling Date:	10/03/2011
Reported:	10/12/2011	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY CO, NM		

Sample ID: SB - 1 @ 15' (H102153-02)

TPH 8015M	mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/10/2011	ND	181	90.5	200	0.778	
DRO >C10-C28	145	10.0	10/10/2011	ND	171	85.4	200	2.40	
EXT DRO >C28-C35	<10.0	10.0	10/10/2011	ND					
Surrogate: 1-Chlorooctane	91.3 9	55.5-15	4						
Surrogate: 1-Chlorooctadecane	105 %	6 57.6-15	8						

Sample ID: SB - 1 @ 20' (H102153-03)

TPH 8015M	mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	12.4	10.0	10/10/2011	ND	181	90.5	200	0.778	
DRO >C10-C28	768	10.0	10/10/2011	ND	171	85.4	200	2.40	
EXT DRO >C28-C35	<10.0	10.0	10/10/2011	ND					
Surrogate: 1-Chlorooctane	107 %	55.5-15	4						
Surrogate: 1-Chlorooctadecane	113 %	57.6-15	8						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Kune

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:	10/06/2011	Sampling Date:	10/03/2011
Reported:	10/12/2011	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY CO, NM		

Sample ID: SB - 1 @ 25' (H102153-04)

TPH 8015M	mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/10/2011	ND	181	90.5	200	0.778	
DRO >C10-C28	470	10.0	10/10/2011	ND	171	85.4	200	2.40	
EXT DRO >C28-C35	<10.0	10.0	10/10/2011	ND					
Surrogate: 1-Chlorooctane	103 %	6 55.5-15	4						
Surrogate: 1-Chlorooctadecane	119%	6 57.6-15	8						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Kune

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:	10/06/2011	Sampling Date:	10/03/2011
Reported:	10/12/2011	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY CO, NM		

Sample ID: SB - 1 @ 30' (H102153-05)

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	10/12/2011	ND	2.12	106	2.00	3.37	
Toluene*	<0.050	0.050	10/12/2011	ND	2.02	101	2.00	3.11	
Ethylbenzene*	< 0.050	0.050	10/12/2011	ND	2.05	103	2.00	2.45	
Total Xylenes*	<0.150	0.150	10/12/2011	ND	6.10	102	6.00	3.21	

Surrogate: 4-Bromofluorobenzene (PIL 104 % 64.4-134

Chloride, SM4500Cl-B	mg/kg		Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/07/2011	ND	384	96.0	400	4.26	
TPH 8015M	mg,	/kg	g Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/10/2011	ND	181	90.5	200	0.778	
DRO >C10-C28	168	10.0	10/10/2011	ND	171	85.4	200	2.40	
EXT DRO >C28-C35	<10.0	10.0	10/10/2011	ND					
Surrogate: 1-Chlorooctane	96.9	% 55.5-15	4						
Surrogate: 1-Chlorooctadecane	111	% 57.6-15	8						

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Celeg D. Kune

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:	10/06/2011	Sampling Date:	10/03/2011
Reported:	10/12/2011	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY CO, NM		

Sample ID: SB - 1 @ 35' (H102153-06)

TPH 8015M	mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/10/2011	ND	181	90.5	200	0.778	
DRO >C10-C28	223	10.0	10/10/2011	ND	171	85.4	200	2.40	
EXT DRO >C28-C35	<10.0	10.0	10/10/2011	ND					
Surrogate: 1-Chlorooctane	98.0 %	6 55.5-15	4						
Surrogate: 1-Chlorooctadecane	117%	6 57.6-15	8						

Sample ID: SB - 1 @ 40' (H102153-07)

TPH 8015M	mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/10/2011	ND	181	90.5	200	0.778	
DRO >C10-C28	162	10.0	10/10/2011	ND	171	85.4	200	2.40	
EXT DRO >C28-C35	<10.0	10.0	10/10/2011	ND					
Surrogate: 1-Chlorooctane	91.5 %	6 55.5-15	4						
Surrogate: 1-Chlorooctadecane	107 %	57.6-15	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/06/2011	Sampling Date:	10/03/2011
Reported:	10/12/2011	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY CO, NM		

Sample ID: SB - 1 @ 45' (H102153-08)

BTEX 8021B	mg,	/kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/10/2011	ND	2.12	106	2.00	3.37	
Toluene*	0.059	0.050	10/10/2011	ND	2.02	101	2.00	3.11	
Ethylbenzene*	0.083	0.050	10/10/2011	ND	2.05	103	2.00	2.45	
Total Xylenes*	0.395	0.150	10/10/2011	ND	6.10	102	6.00	3.21	

Surrogate: 4-Bromofluorobenzene (PIL 121% 64.4-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/07/2011	ND	384	96.0	400	4.26	
TPH 8015M	mg,	/kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/10/2011	ND	181	90.5	200	0.778	
DRO >C10-C28	95.4	10.0	10/10/2011	ND	171	85.4	200	2.40	
EXT DRO >C28-C35	<10.0	10.0	10/10/2011	ND					
Surrogate: 1-Chlorooctane	94.7	% 55.5-15	4						
Surrogate: 1-Chlorooctadecane	113	% 57.6-15	8						

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

	Samples reported on an as received basis (wet) unless otherwise noted on report
-	Chloride by SM4500CI-B does not require samples be received at or below 6°C
***	Insufficient time to reach temperature.
**	Samples not received at proper temperature of 6°C or below.
RPD	Relative Percent Difference
ND	Analyte NOT DETECTED at or above the reporting limit
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

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Celey Di Keene

Celey D. Keene, Lab Director/Quality Manager

Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	[:] Basin Environmental Service 1	[ec]	ano	logies, LL	-		ÊĨ	4 70	and the second		- 1980 - C2136			ANA	LYSI	S RE	QUE	ST			
Project Manage	^{r:} Ben J. Arquijo				1	P. C), #:								T]	Γ			
Address: 2.0.		*****			6	Col	mpany: B	OPCO, LP										1			
City: Lovingto	on State: NN	Zip	у: з	2260		Att	n: Tony	Savoie													
Phone #: (575)						Add	dreśs: 32:	w. Mer	300		1										
Project #:	Project Owner					Ċît	y: Carlsb	ad		İ											
	CA Loomis Federal Commingled #.	· · · · · · · · · · · · · · · · · · ·			i·		te: NK		0												
	1: Eddy Co. MA						bne #:(43)										1	1			
Sampler Name;							(#:	-1270 01	<u></u>												
FOR LAB USE ONLY	B. Arg 4: 13	T.	Ē	MATRI		-	PRESERV	SAMPLI	NG												
Lab I.D. H102/52	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL	SLUDGE	OTHER;	ACID/BASE; ICE / COOI, OTHER	DÁTE	TIME	NOIS M	RTER	111-1	CUIN IN								
Ĭ	5B-1 @ 10'	6	1	X	1		X '	10/3/11	1050	X	X								<u> </u>		
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Allulars or successors on any of the stored to the remainment of services Persunder by Caminal, regardless of Angelines and Allun is dated boos any of the above stored reasons of otherwise.

	Relinquished By:	Date: //// Received By:	Phone Result: Yes No Add'I Phone #:
	Alley	Time: 130 Spices 2-Hard Lord	Fax Result: Ves I No Add'l Fax #: REMARKS:
	Retinguistice By:	Date: 10 10 10 10 10 10 10 10 10 10	Pléase emáil results to pm@basinenv.ç6m
all and	Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition CHECKED BY: Cool Intact Initials) G Vos V Yes V Yes	K TAsavoie#BassPet.com
	† Cardinal cannot accept vorbal c	hanges. Please fax written changos to 505-393-2476	



October 12, 2011

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

RE: C A LOOMIS FEDERAL COMMINGLED #1

Enclosed are the results of analyses for samples received by the laboratory on 10/06/11 13:45.

Cardinal Laboratories is accredited through Texas NELAP for:

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

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

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 (V2, V3)

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celez D. Keine

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:	10/06/2011	Sampling Date:	10/03/2011
Reported:	10/12/2011	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY CO, NM		

Sample ID: SB - 2 @ 5' (H102152-01)

TPH 8015M	mg,	mg/kg Analyzed By: AB							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/10/2011	ND	179	89.7	200	2.29	
DRO >C10-C28	<10.0	10.0	10/10/2011	ND	169	84.4	200	2.97	
EXT DRO >C28-C35	<10.0	10.0	10/10/2011	ND					
Surrogate: 1-Chlorooctane	116	% 55.5-15	4						
Surrogate: 1-Chlorooctadecane	134	% 57.6-15	8						

Sample ID: SB - 2 @ 10' (H102152-02)

TPH 8015M	mg/	kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/10/2011	ND	179	89.7	200	2.29	
DRO >C10-C28	<10.0	10.0	10/10/2011	ND	169	84.4	200	2.97	
EXT DRO >C28-C35	<10.0	10.0	10/10/201 1	ND		,			
Surrogate: 1-Chlorooctane	94.3 9	% 55.5-15	4						
Surrogate: 1-Chlorooctadecane	122 %	6 57.6-15	8						

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Celey D. Keine

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:	10/06/2011	Sampling Date:	10/03/2011
Reported:	10/12/2011	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY CO, NM		

Sample ID: SB - 2 @ 15' (H102152-03)

BTEX 8021B	mg/	'kg	Analyze	d By: CMS				-	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/10/2011	ND	2.12	106	2.00	3.37	
Toluene*	<0.050	0.050	10/10/2011	ND	2.02	101	2.00	3.11	
Ethylbenzene*	<0.050	0.050	10/10/2011	ND	2.05	103	2.00	2.45	
Total Xylenes*	<0.150	0.150	10/10/2011	ND	6.10	102	6.00	3.21	
Surrogate: 4-Bromofluorobenzene (PIL	113	% 64.4-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/07/2011	ND	384	96.0	400	4.26	
TPH 8015M	mg/	'kg	Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/10/2011	ND	179	89.7	200	2.29	
DRO >C10-C28	<10.0	10.0	10/10/2011	ND	169	84.4	200	2.97	
EXT DRO >C28-C35	<10.0	10.0	10/10/2011	ND					
Surrogate: 1-Chlorooctane	94.3	% 55.5-15	4						
Surrogate: 1-Chlorooctadecane	122	% 57.6-15	8						

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Celey Di Kune

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:	10/06/2011	Sampling Date:	10/03/2011
Reported:	10/12/2011	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY CO, NM		

Sample ID: SB - 2 @ 20' (H102152-04)

TPH 8015M	mg/k	«g	Analyze	d By: AB			u.		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/10/2011	ND	179	89.7	200	2.29	
DRO >C10-C28	<10.0	10.0	10/10/2011	ND	169	84.4	200	2.97	
EXT DRO >C28-C35	<10.0	10.0	10/10/2011	ND					
Surrogate: 1-Chlorooctane	96.4 %	6 55.5-15	4						
Surrogate: 1-Chlorooctadecane	123 %	57.6-15	8						

Sample ID: SB - 2 @ 25' (H102152-05)

Chloride, SM4500CI-B	mg/	'kg	Analyzed By: HM						<u></u>
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/07/2011	ND	384	96.0	400	4.26	
TPH 8015M	mg/	kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/10/2011	ND	179	89.7	200	2.29	
DRO >C10-C28	<10.0	10.0	10/10/2011	ND	169	84.4	200	2.97	
EXT DRO >C28-C35	<10.0	10.0	10/10/2011	ND					
Surrogate: 1-Chlorooctane	97.3	% 55.5-15-	4						
Surrogate: 1-Chlorooctadecane	112 9	57.6-158	8						

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by 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

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

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Company Name:	Basin Environmental Service	[ec]	inol	ogiés, LLC		BI	<u>LL 70</u>			Same & Sec			A	NAL	YSIS	RE	QUE	ST			
Project Manager	Ben J. Arquijo				Ρ.	0.#:															
Address: P.O.					Co	ompány: B	OPCO, LP					1									
City: Lovingto	State: NM	Zip	: 8	8260	At	tn: Tony	Savoie														
Phone #: (575)	396-2378 Fax #:(575)3:	961	429)	Ad	ddress: 523	2 w. Mern	od													
Project#:	Project Owner	r: 80	opcó), LP	Ci	ty: Carlst	ad				ĺ										
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Project Location					19	10rie #: (43	21556-87	30													
Sampler Name:	B. Arapis's				Fa	ax #:	1														
FOR LAB USE ONLY		.	Γ	MATRIX	T	PRESERV.	SAMPLI	NG	Į												
Lạp I.D. H <i>IDZI</i> 62	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER Soll OIL SLUDGE	OTHER *	ACID/BASE; ICE / COOL OTHER -	DÀTE	TIME	ADIC 11		BTEX	Chloride									
ġ	SB-2 @ 5'	6	L		<u> </u>	X	10/3/11	1330		1	凝卵	"									
2	5B-2 P 10'							1335			-										-
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PLEASE NOTE: LODITY, and Contages, Condructs laterary and crient's exclusive remery for any dama areas whether based in contained an ton, shall be finited to the amount point by the client for the analyses All claims including traces for majogence and any primer banke whatspever control be scented waived unless made in writing and moused by Cardinal within 30 days after completion of the applicable service, In no event shall Cardural be light for incidental or consequental giornages, including without trainition, bisiness interruptions, loss of use, or loss of prot to incurred by stient, it is substitution

all frates or successors arising out at or related to the evitormance of services hereunder by Cardinal, regardless of which er such claim is based upon any of the above steed reasons or otherwise. No |Add'l Phone #: Relinquished By: Received By: Phone Result: D Yes Date: Fax Result: Yes No Add'l Fax #: 10/3 REMARKS: Time: GERDDON 1130 DUU Relinquished By: Date: Received By: Timé: Please email results to pm@basinenv.com Delivered By: (Circle One) Sample Condition CHECKED BY: 0 & TAsavoie@BassPer.com Cool _ Intact . (mitials) Ŷ Ves Ves Sampler - UPS - Bus - Other: 形卡 burg

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



February 12, 2012

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

RE: C A LOOMIS FEDERAL COMMINGLED #1

Enclosed are the results of analyses for samples received by the laboratory on 02/06/12 15:12.

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.tceg.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

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,

Celeg D. Keine

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:	02/06/2012	Sampling Date:	02/01/2012
Reported:	02/12/2012	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	EDDY CO, NM		

Sample ID: TANK CORE @ SURFACE (H200289-01)

Chloride, SM4500Cl-B mg/kg Analyzed By: HM Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 16.0 16.0 02/07/2012 ND 432 108 400 3.77 **TPH 8015M** Analyzed By: MS mg/kg Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier GRO C6-C10 02/08/2012 179 89.5 200 0.469 146 10.0 ND DRO >C10-C28 02/08/2012 200 5440 10.0 ND 224 112 1.13 EXT DRO >C28-C35 10.0 02/08/2012 ND 244 55.5-154 Surrogate: 1-Chlorooctane 80.6 % Surrogate: 1-Chlorooctadecane 112 % 57.6-158

Sample ID: TANK CORE @ 2 FT. (H200289-02)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/07/2012	ND	432	108	400	3.77	
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	1970	10.0	02/08/2012	ND	179	89.5	200	0.469	
DRO >C10-C28	2730	10.0	02/08/2012	ND	224	112	200	1.13	
EXT DRO >C28-C35	82.2	10.0	02/08/2012	ND					
Surrogate: 1-Chlorooctane	122 9	% 55.5-15	4						
Surrogate: 1-Chlorooctadecane	107 5	% 57.6-15	8						

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*=Accredited Analyte

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Celeg D. Keine

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:	02/06/2012	Sampling Date:	02/01/2012	
Reported:	02/12/2012	Sampling Type:	Soil	
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact	
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene	
Project Location:	EDDY CO, NM			

Sample ID: TANK CORE @ 5 FT (H200289-03)

Chloride, SM4500Cl-B Analyzed By: HM mg/kg Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 48.0 16.0 02/07/2012 ND 432 108 400 3.77 TPH 8015M mg/kg Analyzed By: MS S-04 Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier GRO C6-C10 11300 02/08/2012 179 10.0 ND 89.5 200 0.469 DRO >C10-C28 10200 10.0 02/08/2012 ND 224 112 200 1.13 EXT DRO >C28-C35 351 10.0 02/08/2012 ND 259 % 55.5-154 Surrogate: 1-Chlorooctane 57.6-158 Surrogate: 1-Chlorooctadecane 108 %

Sample ID: BERM CORE @ SURFACE (H200289-04)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/07/2012	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1340	50.0	02/08/2012	ND	179	89.5	200	0.469	
DRO >C10-C28	22900	50.0	02/08/2012	ND	224	112	200	1.13	
EXT DRO >C28-C35	840	50.0	02/08/2012	ND					
Surrogate: 1-Chlorooctane	223	% 55.5-15	4						
Surrogate: 1-Chlorooctadecane	258	% 57.6-15	8						

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*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's kiability 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 whatspeever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based unover stated reasons or otherwise. Results relate only to the samples identified above. This reproduced exception full with mitten approval of Cardinal Laboratories.

Celey D. Keene

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:	02/06/2012	Sampling Date:	02/01/2012
Reported:	02/12/2012	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	EDDY CO, NM		

Sample ID: BERM CORE @ 2 FT (H200289-05)

Chloride, SM4500Cl-B Analyzed By: HM mg/kg Reporting Limit Qualifier Analyte Result Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 16.0 16.0 02/07/2012 ND 432 108 400 3.77 TPH 8015M mg/kg Analyzed By: MS Qualifier **Reporting Limit** Analyzed RPD Analyte Result Method Blank BS % Recovery True Value QC GRO C6-C10 1260 10.0 02/08/2012 ND 179 89.5 200 0.469 DRO >C10-C28 2690 10.0 02/08/2012 ND 224 112 200 1.13 EXT DRO >C28-C35 63.5 10.0 02/08/2012 ND Surrogate: 1-Chlorooctane 152 % 55.5-154 Surrogate: 1-Chlorooctadecane 151% 57.6-158

Sample ID: BERM CORE @ 5 FT. (H200289-06)

Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/07/2012	ND	432	108	400	3.77	
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	11400	100	02/08/2012	ND	171	85.3	200	1.93	
DRO >C10-C28	17600	100	02/08/2012	ND	200	99.9	200	13.1	
EXT DRO >C28-C35	949	100	02/08/2012	ND					
Surrogate: 1-Chlorooctane	290 9	% 55.5-15	4						
Surrogate: 1-Chlorooctadecane	121 9	57.6-15	8						

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PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by claims, including those for negligence and including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based unover stater above stater reasons or otherwise. Results relate only to the sample identified above. This reproduced exception in full with mittem approval of cardinal Liboratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by 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

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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim 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 whitstoever 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 interruptors, loss of use, or loss of profits incurred by client, its subdanies, affiltates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg Di Kune

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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101 East Mariand, Hobbs, NM 88240 (505) 393-2326 EAX (505) 393-2476

Company Name:	Dject Manager: Ben Anguija dress: 2800 Plains Hwy. y: Louington State: N.M. Zip: one #: Fax #: Dject #: Project Owner: BOPCO Dject Name: C.A. Loomis Dject Location: Leg County							ñ l'	B	ILL.	TO		ANU			*****		ANAL	LYSIS	RE	QUE	ST			
Project Manager	Ben Anguijo						_). #;	·					Ī									1	ſ	
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City: Lou:	ngton State: N.M.	Zip	:				Attn: J.A.SAVOie										l								
Phone #:	Fax #:						Ad	dree	6:																
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Project Name: C.A. Loomis					State: Zip:								$\mathbf{\times}$												
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Lab I.D. 11.200289	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	OIL	OTHER:	ACID/BASE:	ICE / COOL	Ē	DATE	тім	E	TP:4 6	Chlori	Hol& tox									
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ondysss. Ad came including these for negligence and any other cause whataover that be deared valued unless made in writing and received by Cardinal within 30 days after completion of the explicate service. In no event that Cardinal be Soble for indianal or consequential damages, including without jimbation, bettings interruptions, lose of use, or lose of profile induction by Cardinal within 30 days after completion of the explicate service. In no event that Cardinal be Soble for indianal or consequential damages, including without jimbation, bettings interruptions, lose of use, or lose of profile indianal by Ellont, it a ubbildiaries,

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



April 10, 2013

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

RE: C A LOOMIS FEDERAL COMMINGLED #1

Enclosed are the results of analyses for samples received by the laboratory on 04/09/13 15:50.

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.

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,

Celeg D. Keine

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:	04/09/2013	Sampling Date:	04/09/2013
Reported:	04/10/2013	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY CO, NM		

Sample ID: STOCK PILE #1 (H300848-01)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	04/10/2013	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	338	10.0	04/09/2013	ND	198	98.9	200	2.49	
DRO >C10-C28	2130	10.0	04/09/2013	ND	195	97.3	200	4.89	
EXT DRO >C28-C35	62.3	10.0	04/09/2013	ND					
Surrogate: I-Chlorooctane	152	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	134	% 63.6-15	4						

Sample ID: WEST WALL (H300848-02)

Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/10/2013	ND	448	112	400	0.00	
ТРН 8015М	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	04/09/2013	ND	198	98.9	200	2.49	
DRO >C10-C28	<10.0	10.0	04/09/2013	ND	195	97.3	200	4.89	
EXT DRO >C28-C35	<10.0	10.0	04/09/2013	ND					
Surrogate: 1-Chlorooctane	78.7	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	108	63.6-15	4						

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*=Accredited Analyte

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Celley D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by 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

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*=Accredited Analyte

PLEASE NOTE: Lability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Kune

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name	(575) 393-2326 FAX (575) 393-247 : BASIN						·				аЙ.	ll to						ANA	Vei	C DE		ST.		-	
Project Manager	DIVER					.—		P.	0. #	_	98 <u>1</u>				Ī		1			<u>5 RE</u>		51		<u> </u>	1
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Page 4 of 4



August 16, 2013

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

RE: C A LOOMIS FEDERAL COMMINGLED #1

Enclosed are the results of analyses for samples received by the laboratory on 04/12/13 15:45.

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/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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,

Celeg D. Keine

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:	04/12/2013	Sampling Date:	04/12/2013
Reported:	08/16/2013	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA CO, NM		

Sample ID: STOCKPILE #2 (H300890-01)

Chloride, SM4500Cl-B mg/kg Analyzed By: DW Reporting Limit Qualifier Analyte Result Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 304 16.0 04/15/2013 ND 416 104 400 3.77 TPH 8015M mg/kg Analyzed By: MS S-04 Qualifier RPD Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC GRO C6-C10 937 10.0 04/15/2013 ND 97.6 200 3.04 195 DRO >C10-C28 2110 10.0 04/15/2013 ND 195 97.3 200 3.66 EXT DRO >C28-C35 39.5 10.0 04/15/2013 ND Surrogate: 1-Chlorooctane 185 % 65.2-140 Surrogate: 1-Chlorooctadecane 122 % 63.6-154

Sample ID: STOCKPILE #3 (H300890-02)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	04/15/2013	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS				-	S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	2250	10.0	04/15/2013	ND	195	97.6	200	3.04	
DRO >C10-C28	4100	10.0	04/15/2013	ND	195	97.3	200	3.66	
EXT DRO >C28-C35	84.4	10.0	04/15/2013	ND					
Surrogate: 1-Chlorooctane	196	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	143	% 63.6-15	4						

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Celley D. Keene

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by 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

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Celeg D. Kene

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

	(5/5) 393-2326 FAX (5/5) 393-24/	0												 						 	
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Phone #:	Fax #:			_				dress		<u> </u>											
Project #:	Project Owner	:						ty:				[
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							PI	ione f	ł:												
Sampler Name:	Jody Walters				_		Fa	x #:				I									
FOR LABUSE OF AY				~	MAT	RIX		PRES	SERV.	SAMPL	NG										
Lab I.D. <i>H 300890</i> H 300 886	•	COMP.	# CONTAINERS	GROUNDWATER	SOIL	01L	SLUUGE OTHER :	ACID/BASE:	DTHER:	DAŢE	TIME	Chloride									
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PLEASE NOTE: Labelity and Damages. Castnes's teachy and cheric's endpare tensory for any clean a restig weether based in contract or tool, shall be indext to be annual painty the dear for the analyses. At cleans exchange frace for neglection and any other shallower shall be deened while unless teach in intergrand restrict by Casting which and any shall be deared by the dear for the science. In one event shall contract the forecentral or consequences changes, including without interface, based as thereafters to be and the speciality of the structure of the contract the data for the structure of
server. It no event that Carbra is hade for indential or conceptential strategy, traking whole general particulars instructions, but of use, or take of ports returned by event, is transient or indential resulted by the conceptential strategy and the returned of event, is transient or indential results or extended to be performance of services herearder to Carbra (results) of whole which this is considered non-service strategies or extended to be performed as the returned to enter the service the transient or extended to be performed.

Relinquished By:	Date: Time: Date: Time:	Received By: 104 He Received By:	nson	Phone Result: Fax Result: REMARKS:	O Yes	O No	Add'l Phone #: Add'l Fax #:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	4	Sample Condition Cool Intact Ves Pyes No No	CHECKED BY:					
† Cardinal cannot accept verbal o	hanges, Please	fax written changes to (57)	5) 393-2326 7					



April 22, 2013

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

RE: C A LOOMIS FEDERAL COMMINGLED #1

Enclosed are the results of analyses for samples received by the laboratory on 04/17/13 15:45.

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/ga/lab_accred_certif.html.

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

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Sincerely,

Celeg D. Keine

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:	04/17/2013	Sampling Date:	04/17/2013
Reported:	04/22/2013	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA CO, NM		

Sample ID: FLOOR (H300918-01)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	04/18/2013	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	238	10.0	04/18/2013	ND	220	110	200	2.55	
DR0 >C10-C28	2270	10.0	04/18/2013	ND	218	109	200	3.13	
EXT DRO >C28-C35	109	10.0	04/18/2013	ND					
Surrogate: 1-Chlorooctane	162	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	154	% 63.6-15	4						

Sample ID: FLOOR #2 (H300918-02)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9280	16.0	04/18/2013	ND	432	108	400	3.77	
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	04/18/2013	ND	220	110	200	2.55	
DRO >C10-C28	19.2	10.0	04/18/2013	ND	218	109	200	3.13	
EXT DRO >C28-C35	<10.0	10.0	04/18/2013	ND					
Surrogate: 1-Chlorooctane	103	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	123	% 63.6-15	4						

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Celey D. Kune

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:	04/17/2013	Sampling Date:	04/17/2013
Reported:	04/22/2013	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA CO, NM		

Sample ID: FLOOR #3 (H300918-03)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: DW			<u>-</u> ,		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1700	16.0	04/18/2013	ND	432	108	400	3.77	
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	4330	50.0	04/22/2013	ND	210	105	200	4.29	
DRO >C10-C28	11200	50.0	04/22/2013	ND	204	102	200	4.96	
EXT DRO >C28-C35	133	50.0	04/22/2013	ND					
Surrogate: 1-Chlorooctane	383 9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	178 :	% 63.6-15	4						

Sample ID: FLOOR #4 (H300918-04)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/18/2013	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	338	10.0	04/19/2013	ND	210	105	200	4.29	
DR0 >C10-C28	2900	10.0	04/19/2013	ND	204	102	200	4.96	
EXT DRO >C28-C35	87.0	10.0	04/19/2013	ND					
Surrogate: 1-Chlorooctane	175	% 65.2-14	0						·
Surrogate: 1-Chlorooctadecane	160	% 63.6-15	4						

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Celey D. Kune

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:	04/17/2013	Sampling Date:	04/17/2013
Reported:	04/22/2013	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA CO, NM		

Sample ID: FLOOR #5 (H300918-05)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/18/2013	ND	432	108	400	3.77	
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	04/19/2013	ND	210	105	200	4.29	
DRO >C10-C28	757	10.0	04/19/2013	ND	204	102	200	4.96	
EXT DRO >C28-C35	17.8	10.0	04/19/2013	ND					
Surrogate: 1-Chlorooctane	110	% 65.2-14	0				· · · · · ·		
Surrogate: 1-Chlorooctadecane	133	% 63.6-15	4						

Sample ID: NORTH WALL (H300918-06)

Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/18/2013	ND	432	108	400	3.77	
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	04/19/2013	ND	210	105	200	4.29	
DRO >C10-C28	10.0	10.0	04/19/2013	ND	204	102	200	4.96	
EXT DRO >C28-C35	<10.0	10.0	04/19/2013	ND					
Surrogate: 1-Chlorooctane	95.1	65.2-14	0				· · · · · · · · · · · · · · · · · · ·		
Surrogate: 1-Chlorooctadecane	113 %	63.6-15	4						

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Celeg D. Kune

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:	04/17/2013	Sampling Date:	04/17/2013
Reported:	04/22/2013	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA CO, NM		

Sample ID: NORTH WALL #2 (H300918-07)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BŞ	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/18/2013	ND	432	108	400	3.77	
ТРН 8015М	mg/	mg/kg		Analyzed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	789	10.0	04/18/2013	ND	220	110	200	2.55	
DRO >C10-C28	8330	10.0	04/18/2013	ND	218	109	200	3.13	
EXT DRO >C28-C35	179	10.0	04/18/2013	ND					
Surrogate: 1-Chlorooctane	264 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	199 9	63.6-15	4						

Sample ID: NORTH WALL #3 (H300918-08)

	kg	Analyze	d By: DW					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
400	16.0	04/18/2013	ND	432	108	400	3.77	
mg/	kg	Analyze	d By: MS		-			
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	04/18/2013	ND	220	110	200	2.55	
117	10.0	04/18/2013	ND	218	109	200	3.13	
12.4	10.0	04/18/2013	ND					
109 %	65.2-14	0						
124 %	63.6-15	4						
	400 mg/ Result <10.0 117 12.4	400 16.0 mg/kg Result Reporting Limit <10.0 10.0 117 10.0 12.4 10.0 109 % 65.2-14	400 16.0 04/18/2013 mg/kg Analyze Result Reporting Limit Analyzed <10.0	400 16.0 04/18/2013 ND mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank <10.0	400 16.0 04/18/2013 ND 432 mg/kg Analyzed By: MS Method Blank BS Result Reporting Limit Analyzed Method Blank BS <10.0	400 16.0 04/18/2013 ND 432 108 mg/kg Analyzed By: MS Model Mark Ma	400 16.0 04/18/2013 ND 432 108 400 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0	400 16.0 04/18/2013 ND 432 108 400 3.77 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <10.0 10.0 04/18/2013 ND 218 109 200 3.13 109 % 65.2-140 65.2-140 ND 218 108 400 3.77

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Received:	04/17/2013	Sampling Date:	04/17/2013
Reported:	04/22/2013	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA CO, NM		

Sample ID: WEST WALL #2 (H300918-09)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: DW			· · · · · ·		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	04/18/2013	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1330	10.0	04/18/2013	ND	220	110	200	2.55	
DRO >C10-C28	8400	10.0	04/18/2013	ND	218	109	200	3.13	
EXT DRO >C28-C35	142	10.0	04/18/2013	ND					
Surrogate: 1-Chlorooctane	313	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	192	% 63.6-15	4						

Sample ID: WEST WALL #3 (H300918-10)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7360	16.0	04/18/2013	ND	432	108	400	3.77	
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	04/18/2013	ND	220	110	200	2.55	
DRO >C10-C28	126	10.0	04/18/2013	ND	218	109	200	3.13	
EXT DRO >C28-C35	13.3	10.0	04/18/2013	ND					
Surrogate: 1-Chlorooctane	114	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	121	% 63.6-15	4						

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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:	04/17/2013	Sampling Date:	04/17/2013
Reported:	04/22/2013	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA CO, NM		

Sample ID: SOUTH WALL (H300918-11)

Chloride, SM4500CI-B	mg/kg		Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/18/2013	ND	432	108	400	3.77	
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	04/18/2013	ND	220	110	200	2.55	
DRO >C10-C28	<10.0	10.0	04/18/2013	ND	218	109	200	3.13	
EXT DRO >C28-C35	<10.0	10.0	04/18/2013	ND					
Surrogate: 1-Chlorooctane	96.4	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	116	% 63.6-15	4						

Sample ID: SOUTH WALL #2 (H300918-12)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1950	16.0	04/18/2013	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1310	10.0	04/19/2013	ND	210	105	200	4.29	
DRO >C10-C28	8740	10.0	04/19/2013	ND .	204	102	200	4.96	
EXT DRO >C28-C35	202	10.0	04/19/2013	ND					
Surrogate: 1-Chlorooctane	327	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	210	% 63.6-15	4						

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Celey D. Kune

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:	04/17/2013	Sampling Date:	04/17/2013
Reported:	04/22/2013	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA CO, NM		

Sample ID: EAST WALL (H300918-13)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/18/2013	ND	432	108	400	3.77	
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	04/19/2013	ND	210	105	200	4.29	
DRO >C10-C28	13.4	10.0	04/19/2013	ND	204	102	200	4.96	
EXT DRO >C28-C35	10.5	10.0	04/19/2013	ND					
Surrogate: 1-Chlorooctane	67.9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	96.5	% 63.6-15	4						

Sample ID: EAST WALL #2 (H300918-14)

Chloride, SM4500CI-B Analyte	mg/kg		Analyzed By: DW						
	Result	Reporting Limit	Analyzed	Method Blank	BS %	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	04/18/2013	ND	432	108	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	95.9	10.0	04/19/2013	ND	210	105	200	4.29	
DRO >C10-C28	1160	10.0	04/19/2013	ND	204	102	200	4.96	
EXT DRO >C28-C35	36.6	10.0	04/19/2013	ND					
Surrogate: 1-Chlorooctane	127	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	129	% 63.6-15	4						

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Celeg D. Kune

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:	04/17/2013	Sampling Date:	04/17/2013
Reported:	04/22/2013	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA CO, NM		

Sample ID: CONTAMINATED SOIL (H300918-15)

TPH 8015M	mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	5060	10.0	04/18/2013	ND	220	110	200	2.55	
DRO >C10-C28	14100	10.0	04/18/2013	ND	218	109	200	3.13	
EXT DRO >C28-C35	210	10.0	04/18/2013	ND					
Surrogate: 1-Chlorooctane	319 5	65.2-14	0						
Surrogate: 1-Chlorooctadecane	226	63.6-15	4						

Sample ID: CLEAN SOIL (H300918-16)

TPH 8015M Analyte	mg/kg		Analyzed By: MS						
	Result	Reporting Limit	Analyzed	Method Blank	BS % Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/18/2013	ND	220	110	200	2.55	
DRO >C10-C28	10.0	10.0	04/18/2013	ND	218	109	200	3.13	
EXT DRO >C28-C35	<10.0	10.0	04/18/2013	ND					
Surrogate: 1-Chlorooctane	98.7 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	117 %	63.6-15	4						

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Celey D. Kune

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:	04/17/2013	Sampling Date:	04/17/2013
Reported:	04/22/2013	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA CO, NM		

Sample ID: MIX SOIL (H300918-17)

TPH 8015M	mg/l	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1870	10.0	04/18/2013	ND	220	110	200	2.55	
DRO >C10-C28	6240	10.0	04/18/2013	ND	218	109	200	3.13	
EXT DRO >C28-C35	113	10.0	04/18/2013	ND					
Surrogate: 1-Chlorooctane	224 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	168 %	63.6-15	4						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by 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

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Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager



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

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9	West wall HZ	ĠI		X			_ <u> </u> }	1	4-17-13		Ľ	X	X		<u> </u>				<u> </u>		
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Page 12 of 13



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

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† Cardinal cannot accept verbal changes. Please fax written changes to (675) 393-2326



April 19, 2013

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

RE: C A LOOMIS FEDERAL COMMINGLED #1

Enclosed are the results of analyses for samples received by the laboratory on 04/18/13 15:30.

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 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.

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,

Celeg D. Keine

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:	04/18/2013	Sampling Date:	04/18/2013
Reported:	04/19/2013	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA CO, NM		

Sample ID: STOCKPILE 2 B (H300923-01)

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	63.2	10.0	04/19/2013	ND	210	105	200	4.29	
DRO >C10-C28	561	10.0	04/19/2013	ND	204	102	200	4.96	
EXT DRO >C28-C35	13.0	10.0	04/19/2013	ND					
Surrogate: 1-Chlorooctane	109 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	120 %	63.6-15	4						

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Celeg D. Kune

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by 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

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Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240

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service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

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† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393/2326



May 01, 2013

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

RE: C A LOOMIS FEDERAL COMMINGLED #1

Enclosed are the results of analyses for samples received by the laboratory on 04/25/13 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_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.

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,

Celeg D. Keine

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:	04/25/2013	Sampling Date:	04/25/2013
Reported:	05/01/2013	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA CO, NM		

Sample ID: STOCKPILE #1A (H300980-01)

BTEX 8021B	mg/kg		Analyzed By: AP					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/30/2013	ND	2.37	118	2.00	1.56	
Toluene*	0.704	0.050	04/30/2013	ND	2.14	107	2.00	1.20	
Ethylbenzene*	1.82	0.050	04/30/2013	ND	2.32	116	2.00	1.41	
Total Xylenes*	20.3	0.150	04/30/2013	ND	6.84	114	6.00	0.440	
Total BTEX	22.8	0.300	04/30/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL 156 % 89.4-126

Chloride, SM4500CI-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	04/26/2013	ND	400	100	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	404	10.0	04/26/2013	ND	221	110	200	0.0421	
DRO >C10-C28	1200	10.0	04/26/2013	ND	215	107	200	0.553	
EXT DRO >C28-C35	24.6	10.0	04/26/2013	ND					
Surrogate: 1-Chlorooctane	148	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	109	% 63.6-15	4						

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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whitspeever shall be deemed waived unless made in writing and received by claims, including those for negligence and including, without limitation, business interruptions, loss of use, or loss of profits inclured by dilent, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the sample identified above. This reproduced except in full with written approval of Cardinal Laboratores.

Celey D. Kune

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:	04/25/2013	Sampling Date:	04/25/2013
Reported:	05/01/2013	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA CO, NM		

Sample ID: STOCKPILE #2B (H300980-02)

BTEX 8021B	mg/kg		Analyze	Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/30/2013	ND	2.37	118	2.00	1.56	
Toluene*	0.080	0.050	04/30/2013	ND	2.14	107	2.00	1.20	
Ethylbenzene*	0.337	0.050	04/30/2013	ND	2.32	116	2.00	1.41	
Total Xylenes*	1.65	0.150	04/30/2013	ND	6.84	114	6.00	0.440	
Total BTEX	2.07	0.300	04/30/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE 209 % 89.4-126

Chloride, SM4500Cl-B	mg/kg		Analyze	Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/26/2013	ND	400	100	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	94.1	10.0	04/26/2013	ND	221	110	200	0.0421	
DRO >C10-C28	640	10.0	04/26/2013	ND	215	107	200	0.553	
EXT DRO >C28-C35	16.3	10.0	04/26/2013	ND					
Surrogate: 1-Chlorooctane		65.2-14	0						
Surrogate: 1-Chlorooctadecane	120 9	% 63.6-15	4						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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Received:	04/25/2013	Sampling Date:	04/25/2013
Reported:	05/01/2013	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA CO, NM		

Sample ID: STOCKPILE #3A (H300980-03)

BTEX 8021B	mg/kg		Analyzed By: AP						5-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/30/2013	ND	2.37	118	2.00	1.56		
Toluene*	0.584	0.050	04/30/2013	ND	2.14	107	2.00	1.20		
Ethylbenzene*	1.56	0.050	04/30/2013	ND	2.32	116	2.00	1.41		
Total Xylenes*	15.0	0.150	04/30/2013	ND	6.84	114	6.00	0.440		
Total BTEX	17.1	0.300	04/30/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIL 177 % 89.4-126

Chloride, SM4500CI-B	mg/kg		Analyze	Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	04/26/2013	ND	400	100	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	423	10.0	04/26/2013	ND	221	110	200	0.0421	
DRO >C10-C28	1490	10.0	04/26/2013	ND	215	107	200	0.553	
EXT DRO >C28-C35	43.4	10.0	04/26/2013	ND					
Surrogate: 1-Chlorooctane	154	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	114	% 63.6-15	4						

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Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager



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Received:	04/25/2013	Sampling Date:	04/25/2013
Reported:	05/01/2013	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA CO, NM		

Sample ID: STOCKPILE #4 (H300980-04)

BTEX 8021B	mg/	/kg	Anałyze	d By: AP					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/30/2013	ND	2.37	118	2.00	1.56	
Toluene*	0.091	0.050	04/30/2013	ND	2.14	107	2.00	1.20	
Ethylbenzene*	0.865	0.050	04/30/2013	ND	2.32	116	2.00	1.41	
Total Xylenes*	3.38	0.150	04/30/2013	ND	6.84	114	6.00	0.440	
Total BTEX	4.34	0.300	04/30/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL 376 % 89.4-126

Chloride, SM4500Cl-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	04/26/2013	ND	400	100	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	198	10.0	04/26/2013	ND	221	110	200	0.0421	
DRO >C10-C28	1440	10.0	04/26/2013	ND	215	107	200	0.553	
EXT DRO >C28-C35	72.9	10.0	04/26/2013	ND					
Surrogate: 1-Chlorooctane	134	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	110	% 63.6-15	4						

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Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager



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Received:	04/25/2013	Sampling Date:	04/25/2013
Reported:	05/01/2013	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA CO, NM		

Sample ID: STOCKPILE #5 (H300980-05)

BTEX 8021B	mg,	/kg	Analyze	d By: AP					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/30/2013	ND	2.37	118	2.00	1.56	
Toluene*	0.330	0.050	04/30/2013	ND	2.14	107	2.00	1.20	
Ethylbenzene*	0.788	0.050	04/30/2013	ND	2.32	116	2.00	1.41	
Total Xylenes*	8.22	0.150	04/30/2013	ND	6.84	114	6.00	0.440	
Total BTEX	9.34	0.300	04/30/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL 157 % 89.4-126

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/26/2013	ND	400	100	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	195	10.0	04/26/2013	ND	221	110	200	0.0421	
DR0 >C10-C28	782	10.0	04/26/2013	ND	215	107	200	0.553	
EXT DRO >C28-C35	16.0	10.0	04/26/2013	ND					
Surrogate: 1-Chlorooctane	126	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	120	% 63.6-15	4						

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Celuz D. Kune

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by 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

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240

	(575) 393-2326 FAX (575) 393-247	6																	
Company Name	BASTH					B I	<u>LL TO</u>	Fairs	¢			 ANALYSIS REQUEST							
Project Manage	" BEN				Ρ.	P.O. #:						·				·			
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Phone #:	Fax #:			A	Idress:	_													
Project #:	ect #: Project Owner:			Ci	ty:														
Project Name:	CA. LOOM.'S FED Com	en #	1		St	ate:	Zip:					*							
Project Location	Jody Walters				Pł	none #:													
Sampler Name:	Jody Walters				Fa	ix #:						Rush							
FOR LAB USE ONLY			T-	MATRIX		PRESERV	SAMPL	NG				2							
Lab I.D. H300981	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL SUIDCE	OTHER :	ACID/BASE: ICE / COOL OTHER :	DATE	TIME	BOISM	Chlorides	12	BTEX							
	Stockpile #1A	<u>C</u>	1	<u> </u>		<u> </u>	4-25-13		X	X	×	 1							
Z	Stockpile #1A Stockpile #2B Stockpile #3A Stockpile #4 Stockpile #4 Stockpile #5	<u>C</u>	니	<u> </u>		<u>X</u>	4-25-13		×	\mathbf{X}	\mathbf{X}	 1							and the special dates
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analyses. All dainse including those to negligence and any other cause whatboever shall be deemed waked ariess made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be invited in the consequential damages, including whipset likeling on the invited are service of the service of

Relinguished By:	125/12	Received By: Mi JUNSON	Phone Result:
Reinguished By:	Date:	Received By:	* BTEX added as per Jody & Ruch. Che 4/29/13
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition CHECKED BY: Cool Intact Gool Intact Gres (Initals) No No	_ 4/29//3
† Cardinal cannot accept verba	I changes. Pleas	e fax written changes to (575) 399-2326 #54	



April 29, 2013

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

RE: C A LOOMIS FEDERAL COMMINGLED #1

Enclosed are the results of analyses for samples received by the laboratory on 04/26/13 15:50.

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/ga/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.

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,

Celeg D. Kune

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:	04/26/2013	Sampling Date:	04/26/2013
Reported:	04/29/2013	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA CO, NM		

Sample ID: EAST WALL #2B (H300998-01)

Chloride, SM4500Cl-B Analyzed By: DW mg/kg Analyte Result **Reporting Limit** Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 160 16.0 04/29/2013 ND 400 100 400 0.00 TPH 8015M mg/kg Analyzed By: MS Reporting Limit Method Blank True Value QC RPD Qualifier Analyte Result Analyzed BS % Recovery GRO C6-C10 <10.0 10.0 04/29/2013 ND 171 85.5 200 11.1 DRO >C10-C28 <10.0 10.0 04/29/2013 ND 164 82.0 200 13.4 EXT DRO >C28-C35 <10.0 04/29/2013 10.0 ND Surrogate: 1-Chlorooctane 93.2 % 65.2-140 Surrogate: 1-Chlorooctadecane 103 % 63.6-154

Sample ID: NORTH WALL #2B (H300998-02)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/29/2013	ND	400	100	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	04/27/2013	ND	171	85.5	200	11.1	
DRO >C10-C28	<10.0	10.0	04/27/2013	ND	164	82.0	200	13.4	
EXT DRO >C28-C35	<10.0	10.0	04/27/2013	ND					
Surrogate: 1-Chlorooctane	70.1	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	74.4	% 63.6-15	4						

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Celeg & Kune

Celey D. Keene, Lab Director/Quality Manager



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Received:	04/26/2013	Sampling Date:	04/26/2013
Reported:	04/29/2013	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA CO, NM		

Sample ID: WEST WALL #3B (H300998-03)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/29/2013	ND	400	100	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/27/2013	ND	171	85.5	200	11.1	
DRO >C10-C28	<10.0	10.0	04/27/2013	ND	164	82.0	200	13.4	
EXT DRO >C28-C35	<10.0	10.0	04/27/2013	ND					
Surrogate: 1-Chlorooctane	85.8	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	93.2	% 63.6-15	4						

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*=Accredited Analyte

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Celuz D. Kune

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Kune

Celey D. Keene, Lab Director/Quality Manager



(101 East Marland, Hobbs, NM 882 (575) 393-2326 FAX (575) 393-247								•									-							
Company Name:	BASIN ENVI						1.617				14	L 10				-	·	ANA	LYS	SR	EQU	EST			
Project Manager							ŀ	. 0.	#:										ŀ	Τ		T			
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City:	State:	Zip	:					\ttn	:	Te	DI	NY		ļ											
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Project #:	Project Owne	r:			·			City	:																
Project Name: ()	A. LOOM'S FED COMM	i#1	!					Stat	e:		Z	Zip:						1							•
Project Location	: Lea, NM						F	'no	ne ŧ	!:					•		l								
Sampler Name:	Joby Walters				•		F	ax										-	1						
FOR LAB ÜSE ONLY Lab I.D. H300998	Sample I.D.	(G)RAB OR (C)OMP.		GROUNDWATER			SLUDGE	T		OTHER:		DATE	TIME	BOISM	Chlorides	Rush	-								
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3	West wall #3B	G	Ľ		X			_	/	۲		4-26-13	11710	X	X	X	ļ	 					·		
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analyses. All claims including those for negligence and any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or lose of profits incurred by client, its subsidiaries,

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

Relinquished By:	9ate 26/12	Received By:		Phone Result: Fax Result:	Ves	□ No	Add'l Phone #: Add'l Fax #:	·····	
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Relinquished By:	Date:	Received By:							
	Time:]	;		:				
Delivered By: (Circle One)		Sample Condition Cool / Intact/	CHECKED BY:				•		
Sampler - UPS - Bus - Other:	·	50 Dres Yes	(TAT				· .	•	
† Cardinal cannot accept verbal	changes, Please	fax written changes to (575)	383-2326						<u>, "</u> ,
		74.	54					· .	



May 10, 2013

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

RE: C A LOOMIS FEDERAL COMMINGLED #1

Enclosed are the results of analyses for samples received by the laboratory on 04/29/13 15:40.

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 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.

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,

Celeg & Kune

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:	04/29/2013	Sampling Date:	04/29/2013
Reported:	05/10/2013	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA CO, NM		

Sample ID: SOUTH WALL #2B (H301011-01)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	608	16.0	04/30/2013	ND	432	108	400	0.00		
TPH 8015M	mg/kg		Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/29/2013	ND	190	95.1	200	1.11		
DRO >C10-C28	<10.0	10.0	04/29/2013	ND	192	95.9	200	0.524		
EXT DRO >C28-C35	<10.0	10.0	04/29/2013	ND						
Surrogate: 1-Chlorooctane	87.2	 % 65.2-14	0							
Surrogate: 1-Chlorooctadecane	102	% 63.6-15	4							

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*=Accredited Analyte

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Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by 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

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Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

Company Name: Basin Environmental Service Technologies, LLC	BILL TO ANALYSIS REQUEST
Project Manager: Ben J. Arguijo	P.O. #:
Address: P.O. Box 301	Company: BOPCO, LP
City: Lovington State: NM Zip: 88260	Attn: Tony Savoie
Phone #: (575) 396-2378 Fax #:(575) 396-1429	Address: 522 W. Mermod
Project #: Project Owner: BOPCO, LP	City: Carlsbad
Project Name: CA. LOOMIS FED COMM#1	State: NM Zip: 88220
Project Location: Leu NNL	Phone #: (432) 556-8730
Sampler Name: Jody Walter S	Fax #:
FOR LAB USE OVEY MATRIX	PRESERV SAMPLING
H3DIDIT Rontainers # CONTAINERS # CONTAINERS	SLUDGE OTHER: ACID/BASE: ICF / COOL CD / B/L/C
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analyses. All clasms including times for negligience and any other cause whatsoever shall be deemed valved infess made in writing and received by Caedinal within 30 days after completion of the approache service, in no event shall Cardinal be hubble for includinal or consequential damages, including without limitation, business memorytome, bus of use, or buss of profils incurred by elect, its statistization,

influence or succhrestors areany out of or related to the performance of services performance by Carcinal, regardless of whether such claim is based upon any of the above material randoms or utilizande

Phone Result: Date **Received By:** C Yes D No Add'l Phone #: **Relinquished By** Add'l Fax #: Fax Result: O Yes O No Tight REMARKS: * Sample id changed as per hen. 5/10/13 Relinquished By: Date: **Received By:** Time: Please email results to pm@basinenv.com Delivered By: (Circle One) Sample Condition CHECKED, BY: & TAsavoie@BassPet.com Cool / Intact / 115 5°, PYes PYes Sampler - UPS - Bus - Other:

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2496 #54



May 10, 2013

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

RE: C A LOOMIS FEDERAL COMMINGLED #1

Enclosed are the results of analyses for samples received by the laboratory on 05/01/13 15:45.

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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

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,

Celeg Di Keine

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:	05/01/2013	Sampling Date:	05/01/2013
Reported:	05/10/2013	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA CO, NM		

Sample ID: FLOOR 25' BGS (H301036-01)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/03/2013	ND	432	108	400	0.00	
PH 8015M mg/kg			Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/06/2013	ND	213	107	200	1.28	
DRO >C10-C28	<10.0	10.0	05/06/2013	ND	201	100	200	1.56	
EXT DRO >C28-C35	<10.0	10.0	05/06/2013	ND					
Surrogate: 1-Chlorooctane	112	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	120	% 63.6-15	4						

Sample ID: FLOOR 30' BGS (H301036-02)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/03/2013	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/06/2013	ND	213	107	200	1.28	
DRO >C10-C28	<10.0	10.0	05/06/2013	ND	201	100	200	1.56	
EXT DRO >C28-C35	<10.0	10.0	05/06/2013	ND					
Surrogate: 1-Chlorooctane	100	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	106	63.6-15	4						

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Celleg D. Keene

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:	05/01/2013	Sampling Date:	05/01/2013
Reported:	05/10/2013	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA CO, NM		

Sample ID: FLOOR 35' BGS (H301036-03)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/03/2013	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/06/2013	ND	213	107	200	1.28	
DRO >C10-C28	<10.0	10.0	05/06/2013	ND	201	100	200	1.56	
EXT DRO >C28-C35	<10.0	10.0	05/06/2013	ND					
Surrogate: 1-Chlorooctane	99.3	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	104	% 63.6-15	4						

Sample ID: FLOOR 40' BGS (H301036-04)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: DW	<u> </u>				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/03/2013	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/06/2013	ND	213	107	200	1.28	
DRO >C10-C28	<10.0	10.0	05/06/2013	ND	201	100	200	1.56	
EXT DRO >C28-C35	<10.0	10.0	05/06/2013	ND					
Surrogate: 1-Chlorooctane	94.0	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	88.7	% 63.6-15	4						

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Celeg D. Kune

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:	05/01/2013	Sampling Date:	05/01/2013
Reported:	05/10/2013	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA CO, NM		

Sample ID: SOUTH WALL #2C (H301036-05)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/03/2013	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/06/2013	ND	213	107	200	1.28	
DRO >C10-C28	10.9	10.0	05/06/2013	ND	201	100	200	1.56	
EXT DRO >C28-C35	<10.0	10.0	05/06/2013	ND					
Surrogate: 1-Chlorooctane	108	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	115 9	% 63.6-15	4						

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Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by 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 D.Keine

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

Company Name: Basin Environmental Service Technologies, LLC				ŀ	BILL TO ANALYSIS REQU					QUE	ST									
Project Manager: Ben J. Arguijo						P.O. #:			Ι	Ţ										
Address: P.O. Box 301						Co	mpa	iny:	ворсо,	Ъ.			:							
City: Lovington State: NM	Zip:	88	260			At	tn:	Ton	y Savoia											
Phone #: (575) 396-2378 Fax #: (575) 39	96-1	429				Ad	dres	is: 5	22 W. Me	rmod										
Project #: Project Owner	: 80	PCO	, LP			Cit	ty: 0	arl	sbad			ĺ				ĺ.				
Project Name: C.A. LOOMIS FED COM	m H .)				Su	ate:	NM	Zip: 88:	20										
Project Location: Lea NM						Ph	one	#: (4	32) 556-	3730										
Sampler Name: Jody Welters						Fa	x #:													
FOR LABUSE OILY		Π		MATE	ux		PRE	SER	SAMP	LING			_							
Lab I.D. Sample I.D. <i>いろのびる</i> し	C)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER WASTEWATER	SOIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	DATE	TIME		BOISTM	Chloride							
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PLEASE NOTE: Latisfy and Damages, Cardinar's labelity and clericy exclusive remeets for any cluim among whether based in contract or lost, shall be timized to Die amount pass by the client for the analyses. At claims including these for negligence and any other cause whathoever shall be demand whether based in writing and second by Cardinal when D days after completion of the applicable services. In one event shall contral be labelit to include and or contracted attacking without tension, business extractions, business for the problem.

stillantes or successors arising out of or related to the performance of services betwarded by Cardinal respondence of whether such claim in binned upon any of the atove stated response or other water. Phone Result: D No Add'I Phone #: **Relinguished By** Received By: O Yes 3 2 Fax Result: O Yes D No Add'I Fax #: Time REMARKS: 5 * Sample id changed as per ben. 5/10/13 Relinquished By: Date: Received By: ch Time: Please email results to pm@basinenv.com Delivered By: (Circle One) Sample Condition CHECKED BY: & TAsavoie@BassPet.com Cool Intact 2 0 Sampler - UPS - Bus - Other: † Cardinal cannot accept verbal changes. Please fax written changes to 505



May 07, 2013

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

RE: C A LOOMIS FEDERAL COMMINGLED #1

Enclosed are the results of analyses for samples received by the laboratory on 05/02/13 15:30.

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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

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,

Celeg D. Keine

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:	05/02/2013	Sampling Date:	05/02/2013
Reported:	05/07/2013	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA CO, NM		

Sample ID: STOCKPILE 1 & 5 MIX (H301048-01)

mg,	/kg	Analyze	d By: DW					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
448	16.0	05/06/2013	ND	416	104	400	0.00	
mg,	/kg	Analyzed By: MS						S-04
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
185	10.0	05/07/2013	ND	217	108	200	13.5	
1350	10.0	05/07/2013	ND	210	105	200	16.9	
29.1	10.0	05/07/2013	ND					
151	% 65.2-14	0						
126	% 63.6-15	4						
	Result 448 mg, Result 185 1350 29.1 /5/	448 16.0 mg/kg Result Reporting Limit 185 10.0 1350 10.0 29.1 10.0 10.0 151 % 65.2-14	Result Reporting Limit Analyzed 448 16.0 05/06/2013 mg/kg Analyzed Result Reporting Limit Analyzed 185 10.0 05/07/2013 1350 10.0 05/07/2013 29.1 10.0 05/07/2013 151 % 65.2-140	Result Reporting Limit Analyzed Method Blank 448 16.0 05/06/2013 ND mg/kg Analyzed By: MS Method Blank Result Reporting Limit Analyzed Method Blank 185 10.0 05/07/2013 ND 1350 10.0 05/07/2013 ND 29.1 10.0 05/07/2013 ND /5/% 65.2-140 65.2-140 65.2-140	Result Reporting Limit Analyzed Method Blank BS 448 16.0 05/06/2013 ND 416 mg/kg Analyzed By: MS Method Blank BS Result Reporting Limit Analyzed Method Blank BS 185 10.0 05/07/2013 ND 217 1350 10.0 05/07/2013 ND 210 29.1 10.0 05/07/2013 ND 10 151 % 65.2-140 55.2-140 56.2-140 56.2-140	Result Reporting Limit Analyzed Method Blank BS % Recovery 448 16.0 05/06/2013 ND 416 104 mg/kg Analyzed By: MS Method Blank BS % Recovery 185 10.0 05/07/2013 ND 217 108 1350 10.0 05/07/2013 ND 210 105 29.1 10.0 05/07/2013 ND 210 105 151 % 65.2-140	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 448 16.0 05/06/2013 ND 416 104 400 mg/kg Analyzed By: MS Method Blank BS % Recovery True Value QC 185 10.0 05/07/2013 ND 217 108 200 1350 10.0 05/07/2013 ND 210 105 200 29.1 10.0 05/07/2013 ND 210 105 200 151 % 65.2-140 65.2-140 Ker Ker Ker Ker	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 448 16.0 05/06/2013 ND 416 104 400 0.00 mg/kg Analyzed By: MS Method Blank BS % Recovery True Value QC RPD 185 10.0 05/07/2013 ND 217 108 200 13.5 1350 10.0 05/07/2013 ND 210 105 200 16.9 29.1 10.0 05/07/2013 ND 210 105 200 16.9 151 % 65.2-140 65.2-140 Keine Kei

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim ansing, 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 dient, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise, Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Kune

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by 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

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Celeg D. Kune

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 4



Page 4 of 4

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Phone #: (575)396-2378 Fax #: (575)396-1429				Address: 522 W. Mermod										1	1											
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May 09, 2013

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

RE: C A LOOMIS FEDERAL COMMINGLED #1

Enclosed are the results of analyses for samples received by the laboratory on 05/08/13 15:30.

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/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

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

Received:	05/08/2013	Sampling Date:	05/08/2013
Reported:	05/09/2013	Sampling Type:	Soil
Project Name:	C A LOOMIS FEDERAL COMMINGLED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA CO, NM		

Sample ID: STOCKPILE 3A & 4 MIX (H301108-01)

Chloride, SM4500CI-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	05/09/2013	ND	432	108	400	3.77	
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	80.1	10.0	05/09/2013	ND	210	105	200	0.918	
DRO >C10-C28	696	10.0	05/09/2013	ND	205	102	200	0.533	
EXT DRO >C28-C35	57.1	10.0	05/09/2013	ND					
Surrogate: 1-Chlorooctane	114 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	102 %	63.6-15	4						

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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, is subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratones.

Celeg D. Kune

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below. Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and chent's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 4 of 4

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Appendix E Soil Disposal Manifests

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0	15.GENERATOR'S CERTIFICATION: shipping-name and are classified, packed, marked, an international and national government regulations, ir	d labeled, and are in a	Il respects in proper co	ondition for	or transport	by highway ac	cording to a	pplicable
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LEA LAND DISPOSAL SITE NEW MEXICO MILE MARKER #64 US HWY 62/180 · 30 MILES EAST OF CARLSBAD, NM · PHONE (505) 887-4048 LEA LAND, LLC 1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257 NON-HAZARDOUS WASTE MANIFEST-0894 1. PAGE OF NO 3. COMPANY NAME 4. ADDRESS 5. PICK-UP DATE G ENFOULP 6 Costa Driva Sto 3700 4/26/2013 PHONE NO. CITY STATE 6. TNRCC I.D. NO. ZIP E 1.1.296 9.295 - 51379 LAL Adores TV 777764 8. CONTAINERS 9. TOTAL 10. UNIT 11. TEXAS 7. NAME OR DESCRIPTION OF WASTE SHIPPED: QUANTITY Wt/Vol. WASTE ID # No. Type N Hun-Readeded, Non Hozardous Waste 瘰 CM Ь, Ъ E R 12. COMMENTS OR SPECIAL INSTRUCTIONS: 13. WASTE PROFILE NO. C.A. LOOMIS FEDERAL COM # 1 A IN CASE OF EMERGENCY OR SPILL, CONTACT 14. NAME PHONE NO 24-HOUR EMERGENCY NO. T 675-887-4049 14h Slewaster 15. GENERATOR'S CERTIFICATION: | Hereby declare that the contents of this consignment are fully and accurately described above by proper 0 shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC PRINTED/TYPED NAME SIGNATURE DATE R **TRANSPORTER (1)** Ť 16. 17, **TRANSPORTER (2)** R BASIN EHMRONINELITAL NAME; NAME: A N TEXAS J.D. NO. TEXAS I.D. NO. S JOOY WALTERS IN CASE OF EMERGENCY CONTACT: P IN CASE OF EMERGENCY CONTACT: 0 (375) 441-3317 EMERGENCY PHONE: EMERGENCY PHONE: R 18. TRANSPORTER (1): Acknowledgment of receipt of material 19. TRANSPORTER (2): Acknowledgment of receipt of material T Е PRINTED/TYPED NAME PRINTED/TYPED NAME _____ R S \$123 SIGNATURE_ SIGNATURE DATE DATE ADDRESS: PHÓNE: Lea Land, LLC Mile Marker 64, U.S. Hwy 62/180, 505-887-4048 E D 30 Miles East of Carlsbad, NM Į A 20. COMMENTS PERMIT NO. S C WM-01-035 - New Mexico P T 0 T. 21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the S Ĩ facility is sufficient and permitted to receive such wastes. T A L Y AUTHÓRIZED SIGNATURE ; CELL NO. DATE TIME 4:25/2013

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LEA LAND, LLC IJUD WEST MAIN STREET - OKLAHOMA CITY, OK 73106 - PHONE (405) 236-427 NON-HAZARDOUS WASTE MANIFEST NO USUS 1. PROF		LEA LAND DIS MILE MARKER #64 US HWY						XIC	0
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	15. GENERATOR'S CERTIFICATION: 1 Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC									
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VOI	V-HAZARDOUS WASTE MANIF	EST NO	89540	1. PA	GEOF_	2. TRAII	ER NO.	· 1.~			
G	3. COMPANY NAME BOFCO UP PHONE NO.	4. ADDRESS © Cesta Drice CITY	State		ZIP 6. T	5. PICK-UP DATE 1/30/2013 6. TNRCC I.D. NO.					
Е	14521083-2377 Mictarid 14 7. NAME OR DESCRIPTION OF WASTE SHIPPED:							11. TEXAS			
N				No.	Туре	QUANTITY	Wt/Vol.	WASTE ID /			
	- Von Ragalaled, Non Harerdown Woste			}	CM						
E	<u>v</u>										
R	CAT GOD CAL 200	Nor Er	100				1				
	12. COMMENTS OR SPECIAL INSTRUCTIONS							13. WASTE PROFILE NO.			
	14. IN CA	SE OF EMERC	ENCY OR SPI	LL, COI	NTACT						
r	IN CASE OF EMERGENCY OR SPILL, CONTACT NAME PHONE NO Kirs Simuçitar 576-837-4048										
)	shipping name and are classified, packed, marked, an	ondition fo	nsignment are-fully and accurately described above by propo ndition for transport by highway according to applicable the same materials previously approved by LEA LAND, LL								
Ř	PRINTED/TYPED NAME		SIGNATURE					DATE			
T	16. TRANSPORTER (1)	17. TRANSPORTER (2)									
2	NAME: BASIN ENVIRONME	TH.	NAME								
Ī	TEXAS LD. NO.	TEXAS I.D. NO.									
3	RADI STATE			IN CASE OF EMERGENCY CONTACT:							
)	EMERGENCY PHONE: (575) 414 3307 EMERGENCY P										
₹ Γ	18. TRANSPORTER (1): Acknowledgment of receipt of material 19. TRANSP				ORTER (2): Acknowledgment of receipt of material						
€ ₹	PRINTED/TYPED NAME				ED NAME						
5	SIGNATURA 199 - The DATE 199 2013			NATUREDATE							
	the second second second second second second second second second second second second second second second se	ADDRESS:				PHONE:					
F	Lea Land, LLC	e Marker 64, U Miles East of C									
A C I	PERMIT NO. WM-01-035 - New Mexico 20. COMMENTS										
L I T	21.DISPOSAL FACILITY'S CERTIFICATION: 1 Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
Y	AUTHORIZED SIGNATURE		CELL NO.		DATE		Ϋ́IN	4E			
	C3 Norman Pino	» م	ve 3. Paraile agriculture frank all for a constitution of	teresijaangerad		1/30/2013	1				
√ER	ATOR: COPIES 1 & 6		E: COPIES 2 & 3 P Y 5			TRANSP	ORTERS:	COPIES 4 & 5			