Primero Operating Company

Luke State #3

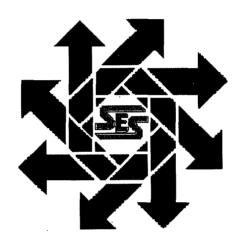
Pit Closure Report

Section 3, Township 8, Range 27E

Chaves County, New Mexico

May 21, 2008

30-005-63387



Prepared for:

Primero Operating Company PO Box 1433 Roswell, New Mexico 88202

By:

Safety & Environmental Solutions, Inc. 703 E. Clinton

Hobbs, New Mexico 88240 (575) 397-0510

Accepted for record NMOCD
JUN 2 6 2008

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I. Company Contacts

Phelps White	Primero	575-626-7600	pwiv@zianet.com
Bob Allen	SESI	505-397-0510	ballen@sesi-nm.com

II. Background

Safety & Environmental Solutions, Inc. (SESI) was contracted by Primero Operating, Inc. to perform assessment and closure of the drilling pit located at the Primero Luke State #3 well site. This site is located in Section 3, Township 8S, Range 27E, Chaves County, New Mexico.

III. Surface and Ground Water

According to the Office of the State Engineer the closest groundwater of record is located in Section 9 of the same range and township. The depth of water in this well was 160' in 1984.

IV. Soils

The surface soils in the area are predominantly sand and sandy loam.

V. Work Performed

On April 29, 2008, SESI was onsite to perform vertical delineation from the excavated pit area. The pit area was excavated to a depth of 16' and was approximately 50' X 10'. The west end of the pit was backfilled to 1'bgs to allow installation of the borehole. Grab samples were retrieved at 15' then every 5' to a depth of 54'. Field chloride analysis was performed on each sample. The samples were properly preserved and transported under Chain of Custody to Argon Laboratories of Hobbs, New Mexico for analysis. The results of the analysis were as follows:

Sample Point	Chlorides	Lab
Back ground surface	<132	
Backfill (4pt)	188	110
15'	4,232	3,700
20'	3,864	
25'	10,680	11,000
30'	4,624	
35'	3,773	2,900
40'	2,441	
45'	1,405	1,600
50'	<132	74
54'	<132	53

The excavated area was backfilled to a depth of 4' below ground surface. The excavation was then extended 3' beyond the end of contamination on all sides. The excavation was domed and a 20-mil impervious liner was installed in a manner, in which to conduct any downward migrating waters to the edges of the excavation. The excavation was then backfilled with clean soils and contoured to natural grade.

VI. Figures & Appendices

Figure 1 - Vicinity Map
Figure 2 - Log of Boring
Appendix A - C-144
Appendix B - Analytical Results
Appendix C - Site Photos

Figure 1 Vicinity Map

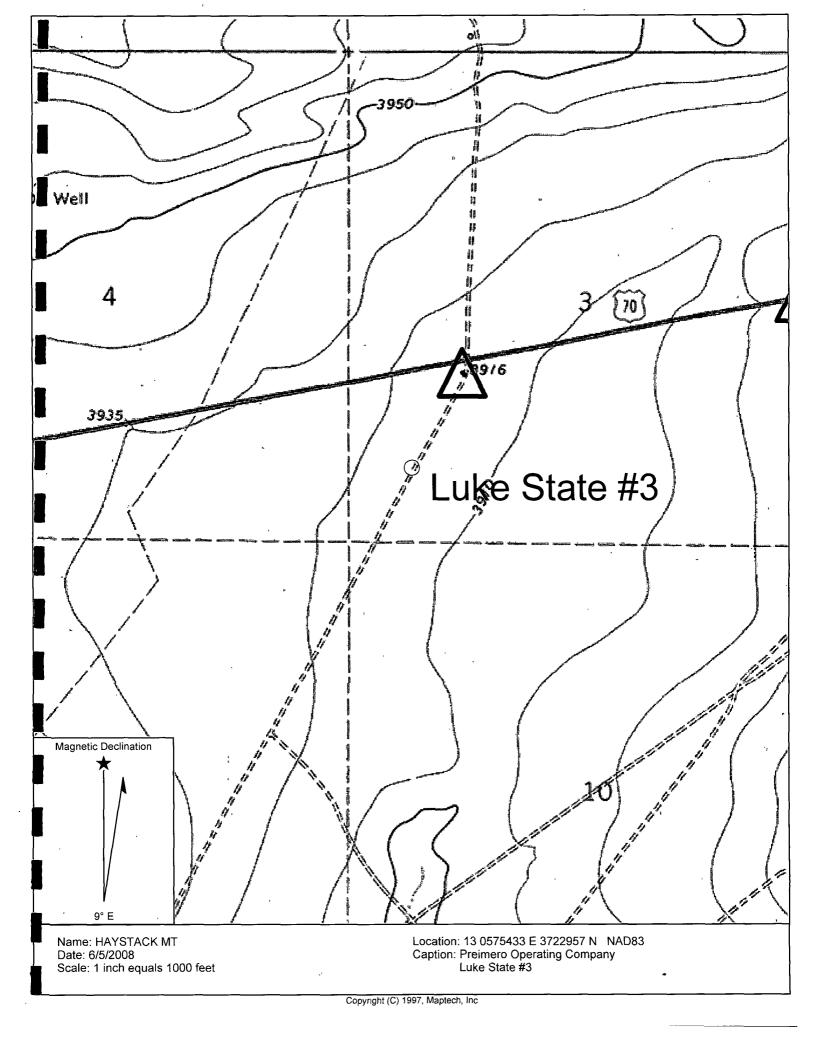


Figure 2 Log of Boring



LOG OF BORING BH-1

(Page 1 of 1)

Primero Operating, Inc Luke State #3 Pit Delineation

Unit M, Sec. 3, Township 8-S, Range 27-E Chaves County, New Mexico

Date/Time Started

Hole Diameter

Drilling Method

04/29/08, 0955 Date/Time Completed 04/29/08, 1430

· 8 1/4 in. Hollow Stem Auger Foremost-Mobile B-57 Drilled By Sampling Method Logged By

Eco/Enviro Drilling 5 ft core barrel Isaac Kincaid, SESI

Depth In Feet	Sample Method	Recovery (inches)	nscs	GRAPHIC	Sample Type SS Split Spoon (18" or 24") CB Core Barrel (2 5' or 5') CT Auger Cuttings NR No recovery DESCRIPTION	Field Chloride (PPM)	Lab Chloride (mg/Kg)	TPH-418.1 (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethyl Benzene (mg/Kg)	Total Xylenes (mg/Kg)
0-		<u> </u>		0		ш.		,F	<u> </u>	<u> </u>	ш =	<u> </u>
5	СТ							,				
1	СТ		AR		0-14 5 ft Pit backfill							
10	СВ	20				4,232	3,700	<20	<0 005	<0 005	<0 005	<0.01
15-	СВ	33	SP/CA CA/SS		14.5-15 ft SAND, brown, fine grained, with some CALICHE. 15-16 ft SAND, with CALICHE 16-20 ft. Hard CALICHE layer with SANDSTONE		5,, 50	-20		-5 505	-5 555	-5.5
20	СВ	15	SS/CA		20-23 ft SANDSTONE, reddish-brown, with CALICHE 23-24 ft. SAND	3,864						
25	СВ	12	SC		24-25 ft. SAND with CLAY 25-29 ft. SAND with CLAY, driller added water to lubricate bit and bring cuttings out of hole	10,680	11,000					
30	СВ	26			29-30 ft. SANDSTONE, gray-brown 30-35 ft. SANDSTONE, gray-brown	4,624						
35			-			3,773	2,900					
40-	СВ	22	ss		35-40 ft. SANDSTONE, gray-brown	2,441						
45-	СВ	23			40-45 ft. SANDSTONE, gray-brown	1,405	1,600					
50-	СВ	32			45-50 ft SANDSTONE, gray-brown	<132	74	<20	<0 005	<0 005	<0 005	<0.0
- - -	СВ				50-54 ft. SANDSTONE, hard rock	<132	53	<20	<0 005	<0 005	<0 005	<0.0
55 – Notes Backfill	ed with	1 24 ba	gs Holepl	ug 3/8"	bentonite chips, hydrated							

Appendix A C-144 District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes \(\) No \(\)

Type of action: Registration of a pit or below-grade tank \(\)

Closure of a pit or below-grade tank \(\)

ACO # 236

Form C-144 June 1, 2004

Type of action: Registration of a pit	or below-grade tank Closure of a pit or below-g	rade tank
Operator: Primero Operating Inc. Telephone: (5	75) 397-0510 e-mail address; office@	Dead wm cam
Operator: <u>Primero Operating Inc.</u> Telephone: <u>(5</u> Address: <u>P.O. Box 1433 Roswell, NM 88202-1433</u>	(15) 397-0510 e-man address; Officera	sesi-mi.com
	. 11/1 of OE/OF N	T98 / D27F
	U/L of Qtr/Qtr M Sec 3	T <u>8S</u> · R <u>27E</u> · · · · · · · · · · · · · · · · · · ·
		NAD: 1927 🖸 1965 🗀
Surface Owner: Federal State Private	Indian 🗌	
Pit	Below-grade tank	,
Type: Drilling Production Disposal	Volume:bbl Type of fluid:	
Workover ⊠ Emergency □	Construction material:	
Lined Mullined	Double-walled, with leak detection? Yes If no	ot, explain why not.
Liner type: Synthetic M Thickness 12 mil Clay [,	
Pit Volume 200 bbl		
Depth to ground water (vertical distance from bottom of pit to seasonal	Less than 50 feet	(20 points)
high water elevation of ground water.)	50 feet or more, but less than 100 feet	(10 points)
	100 feet or more	(0 points) XXXX
Wellhead protection area: (Less than 200 feet from a private domestic	Yes	(20 points)
water source, or less than 1000 feet from all other water sources.)	No	(0 points) XXXX
water sources, or less than 1000 feet from all other water sources.)		
Distance to surface water: (horizontal distance to all wetlands, playas,	Less than 200 feet	(20 points)
irrigation canals, ditches, and perennial and ephemeral watercourses.)	200 feet or more, but less than 1000 feet	(10 points)
	1000 feet or more	(0 points) XXXX
	Ranking Score (Total Points)	0 points
If this is a pit closure: (1) Attach a diagram of the facility showing the pit's	relationship to other equipment and tanks (2) India	ate disposal location: (check the onsite hox if
· · · · · · · · · · · · · · · · · · ·	-	
your are burying in place) onsite offsite X If offsite, name of facility		
remediation start date and end date. (4) Groundwater encountered: No 🖾 Y		it, and attach sample results.
(5) Attach soil sample results and a diagram of sample locations and excavat		
The pit area has been excavated to a depth of 16'. Approximately 180 cubi	c yards of material, which included the liner, were tra	insported to Gandy Marley, Inc. for disposal.
A ramp was installed in order to allow vertical delineation of the area. A be	orehole was installed to a depth of 54° below ground	surface. Samples were retrieved every 5'.
The samples were properly preserved and transported under Chain of Custo	dy to Argon Laboratories for analysis. The results of	the analysis are attached.
It is proposed that the existing excavation be backfilled to a depth of 3' belo	ow ground surface, lined with a 20-mil liner and capp	ed with 3' for clean soil.
	C	and the state of the below goods took
I hereby certify that the information above is true and complete to the best of has been/will be constructed or closed according to NMOCD guidelines		
		,
Date: 05/1/08	(leas 1	
	Signature	
Your certification and NMOCD approval of this application/closure does no otherwise endanger public health or the environment. Nor does it relieve the regulations.	t relieve the operator of liability should the contents of operator of its responsibility for compliance with an	of the flit or tank contaminate ground water or y other federal, state, or local laws and/or
Approval	J. P. 1 1	MAY 1.2 2008
Printed Name/Title	Signatur Signed By Mily Brasi	Date: WITH I DECO

Approved with stipulations. See attachment.

Primero Operating Luke St. 003 30-005-63387 5/12/2008

Stipulations for closing Workover Pit:

- Notify NMOCD District 2 Office 24 hours prior to liner installation.
- Liner is to extend a minimum of 3 feet beyond the horizontally delineated end of contamination on all sides.
- Excavation is to be domed prior to installation of liner and liner installed in a manner in which to conduct any downward migrating waters to the edges of the excavation.
- A minimum of 3-4 feet of clean, native material capable of supporting vegetative growth is to be applied over the liner.
- Submit a final closure report with photographs to NMOCD District 2 Office upon satisfactory completion of project.

Approval of this closure plan does not relieve Primero Operating of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, approval of this closure plan does not relieve Primero Operating of responsibility for compliance with any other federal, state, local laws and/or regulations.

Appendix B Analytical Results

argon laboratories

02 May 2008

Bob Allen Safety & Environmental Solutions, Inc 703 E. Clinton Ave Hobbs, NM 88240

RE: Primero Luke St #3 Project Data

Enclosed are the results for sample(s) received on 04/30/08 07:00 by Argon Laboratories. The sample(s) were analyzed according to instructions in accompanying chain-of-custody. Results are summarized on the following pages.

Please see quality control report for a summary of QC data pertaining to this project.

The sample(s) will be stored for 30 days after completion of analysis, then disposed of in accordance with State and Federal regulations. Sample(s) may be archived by prior arrangement.

Thank you for the opportunity to service the needs of your company.

Sincerely,

Hiram Cueto Lab Manager

Prince 2 Luke 51, # 3 Frince 2 Luke 51, # 3 Lyance Connection 1 Charles Connection 1 Charle	Address 703 E Clinkon Smith Hobs, nm resus Phon (575) 557-050	
Signature		
15 - 4/29/8 1970 1987 1987 1987 1987 1987 1988 1988 1988	Obsort Same	
15 4/29/8 1430 (Fine Toriums) 50 15' 4/29/8 1430 (50 25' 4/29/8 140 (50 45' 4/29/8 1315 (50)	Sobial AC	
15' 4/29/8 1040 25' 4/29/8 1040 45' 4/29/8 1315		10 miles (10 mil
35' 4/29/8 1140 1 45 4/29/8 1315		- 62
(-1 1/0k 102		-04
1 545/8/ 8/62/2 /25		72-
43408 0700	130-08 0700	
		1/4/10/11/11

Argon Labs

Argon Laboratories Sample Receipt Checklist

Client Name	Safety & Er	nviror	nmen	tal Solut	ions, Inc).			Date	& Time Re	eceived.	04	/30/08		7.00
Project Name:	Primero Lu	ke St	#3					-	Clier	nt Project I	Number		PRI-	08-001	
Received By:	RE				Matr	IX.	Water	1	Soil	\checkmark		Slud	ge		
Sample Carrier	Client	7	Labo	oratory		Fed Ex		UPS		Other					
Argon Labs Project	Number	•	<u>C804</u>	1006											
Shipper Container in	good conditio	n?					Sample	es receive	d in prop	er containe	ers?	Yes	y	No	
	N/A		Yes	7	No		Sample	es receive	d intact?			Yes	\checkmark	No	
Samples received un	der refrigerati	ion?	Yes	\checkmark	No		Sufficie	ent sample	e volume	for reques	led tests?	Yes	1	No	
Chain of custody pre	sent?		Yes	\checkmark	No		Sample	es receive	d within	holding tim	e?	Yes	V	No	
Chain of Custody sig	ned by all par	ties?	Yes	V	No		Do sar	nples cont	taın prop	er preserva N/A	itive?	Yes		No	
Chain of Custody ma	itches all sam	iple la	bels?				Do VO	A vials cont	aın zero h	neadspace?					
			Yes	. 🔨	No				(None	submitted	☑)	Yes		No	
	Δ	NY "N	io" Ri	ESPONS	F MUST	BE DETA	All ED II	N THE CO	MMENT	S SECTIO	N REI OV	V			
Date Client Contac	cted			·		Pe	rson C	ontacted.	·						
Contacted By:						Subject									
Comments ⁻															
Action Taken:															
Action Taken:															
					ADDITIC	NAL TES	ST(S) RI	EQUEST	OTHER	<u> </u>					
Contacted By ⁻							[Date:				Tim	ie:		
Call Received By:															
Comments	· · · · · · · · · · · · · · · · · · ·														
											,				









EFSOR | laboratories | 2126 W Marland Ave . Hobbs, NM 88240 (505)397-0295 | Fax (505)397-0296

Safety & Environmental Solutions, Inc

703 E Clinton Ave Hobbs, NM 88240 Project Number PRI-08-001

Project Name Primero Luke St #3

Project Manager Bob Allen

Work Order No

C804006

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Backfill Surface	C804006-01	Soil	04/29/08 14 30	04/30/08 07 00
BH #1 15'	C804006-02	Soil	04/29/08 10 15	04/30/08 07 00
BH#1 251	C804006-03	Soil	04/29/08 10 40	04/30/08 07 00
BH #1 35'	C804006-04	Soil	04/29/08 11 40	04/30/08 07 00
BH #1 45 '	C804006-05	Soil	04/29/08 13 15	04/30/08 07 00
BH #1 50'	C804006-06	Soil	04/29/08 14 20	04/30/08 07 00
BH #1 54'	C804006-07	Soil	04/29/08 15 45	04/30/08 07 00

Approved By

Argon Laboratories, Inc.

QC Officer

TENSION LABORATORIES 2126 W Marland Ave . Hobbs NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc.

703 E Clinton Ave Hobbs, NM 88240

Argon Laboratories, Inc

Project Number PRI-08-001

Project Name Primero Luke St #3

Project Manager Bob Allen

Work Order No C804006

ANALYSIS REPORT

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
Backfill Surface (C804006-01)	Soil Sampled: 04/29/08 14:30	Received: 04/	30/08 07:	00			
Chloride	110	20	mg/kg	2	05/02/08	EPA 300 0	
BH #1 15 ' (C804006-02) Soil	Sampled: 04/29/08 10:15 Reco	eived: 04/30/08	07:00				
Chloride	3700	400	mg/kg	40	05/02/08	EPA 300 0	
BH #1 25 ' (C804006-03) Soil	Sampled: 04/29/08 10:40 Rec	eived: 04/30/08	3 07:00				
Chloride	11000	5000	mg/kg	500	05/02/08	EPA 300 0	
BH #1 35 ' (C804006-04) Soil	Sampled: 04/29/08 11:40 Rec	eived: 04/30/08	8 07:00				
Chloride	2900	400	mg/kg	40	05/02/08	EPA 300 0	
BH #1 45 ' (C804006-05) Soil	Sampled: 04/29/08 13:15 Rec	eived: 04/30/08	8 07:00		~		
Chloride	1600	200	mg/kg	20	05/02/08	EPA 300 0	
BH #1 50 ' (C804006-06) Soil	Sampled: 04/29/08 14:20 Rec	eived: 04/30/08	3 07:00				
Chloride	. 74	10	mg/kg	1	05/02/08	EPA 300 0	
BH #1 54 ' (C804006-07) Soil	Sampled: 04/29/08 15:45 Rec	eived: 04/30/08	3 07:00				
Chloride	53	10	mg/kg	1	05/02/08	EPA 300 0	

Approved By	QC Officer

aboratories 2126 W Marland Ave , Hobbs. NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc

703 E Clinton Ave Hobbs, NM 88240 Project Number PRI-08-001

Project Name Primero Luke St #3

Project Manager Bob Allen

Work Order No C804006

BTEX EPA Method 8021B

	D. 1	Reporting	11 -	Dila		N. 1. 1.	
Analyte	Result	Limit	Units	Dilution	Analyzed	Method	Notes
BH #1 15 ' (C804006-02) Soil	Sampled: 04/29/08 10:15 Reco	eived: 04/30/08	8 07:00				
Benzene	ND	0 005	mg/kg	1	05/02/08	8021B	
Toluene	ND	0 005	**	11	n	,,	
Ethylbenzene	ND	0 005		и	ü	u	
Xylenes (total)	ND	0 010	"	н		"	
Suri Rec		110%			"	11	
BH #1 50 ' (C804006-06) Soil	Sampled: 04/29/08 14:20 Reco	eived: 04/30/08	3 07:00				
Benzene	ND	0 005	mg/kg	1	05/02/08	8021B	
Toluene	, ND	0 005		11	ŋ	11	
Ethylbenzene	ND	0 005	"	11	#	•	
Xylenes (total)	ND	0 010	"	n	U	u	
Surr Rec		108 %			"	"	
BH #1 54 ' (C804006-07) Soil	Sampled: 04/29/08 15:45 Rec	eived: 04/30/08	8 07:00				
Benzene	ND	0 005	mg/kg	I	05/02/08	8021B	
Toluene	ND	0 005	**	u	,,	п	
Ethylbenzene	ND	0 005	n	11	Ü	"	
Xylenes (total)	ND	0 010	11		. "	11	
Surr Rec	\\ \text{\tinx}\text{\texitint{\text{\text{\text{\text{\text{\text{\text{\text{\text{\texiting \text{\text{\text{\text{\text{\text{\text{\text{\text{\texiting \text{\text{\text{\text{\text{\text{\text{\text{\text{\texitinx}\\ \text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tinin}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tinit}\\ \tinit}\\ \text{\text{\text{\text{\text{\text{\text{\texi{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tinit}\\ \tinithting{\text{\text{\text{\text{\text{\text{\text{\tinit}\\ \tinithting{\text{\text{\text{\text{\text{\text{\text{\tinit}\text{\text{\text{\text{\text{\texi}\tint{\text{\text{\text{\texi}\tint{\text{\texitit{\text{\texi}\tint{\text{\texitilex{\tinitit{\texititt{\text{\texi}\tint{\text{\tinitit{\tinitht}\tint	109 %			n	11	

Approved By

Argon Laboratories, Inc

QC Officer

ENGINE | Idooratories 2126 W Marland Ave , Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions. Inc

703 E Clinton Ave Hobbs, NM 88240 Project Number PRI-08-001

Project Name Primero Luke St #3

Project Manager Bob Allen

Work Order No

Work Order No C804006

Total Recoverable Petroleum Hydrocarbons with Silica Gel Clean-Up by IR Spectrometry

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
BH #1 15 ' (C804006-02) Soil	Sampled: 04/29/08 10:15 Recei	ved: 04/30/08	3 07:00				
Total Petroleum Hydrocarbons	ND	20	mg/kg	1	05/01/08	EPA 418 1	V
BH #1 50 ' (C804006-06) Soil	Sampled: 04/29/08 14:20 Recei	ved: 04/30/08	8 07:00				
Total Petroleum Hydrocarbons	ND	20	mg/kg	1	05/01/08	EPA 418 1	
BH #1 54 ' (C804006-07) Soil	Sampled: 04/29/08 15:45 Recei	ved: 04/30/08	3 07:00				
Total Petroleum Hydrocarbons	ND	20	mg/kg	1	05/01/08	EPA 418 1	

Approved By QC Officer
Atgon Laboratories, Inc

EFISION | laboratories 2126 W Marland Ave , Hobbs NM 88240 (505)397-0295 Γαν (505)397-0296

Safety & Environmental Solutions, Inc

703 E Clinton Ave Hobbs, NM 88240 Project Number PRI-08-001

Project Name Primero Luke St #3

Project Manager Bob Allen

Work Order No C804006

ANALYSIS REPORT - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Umts	Spike Level	Source Result			RPD	Notes
Batch CR00057 - General Prep									
Blank (CR00057-BLK1)				Prepared	05/01/08	Analyzed 0	5/02/08		
Chloride	ND	10	mg/kg						
LCS (CR00057-BS1)				Prepared	05/01/08	Analyzed 0	5/02/08		
Chloride	5 10		mg/kg	5 00		102			
LCS Dup (CR00057-BSD1)				Prepared	05/01/08	Analyzed 0	5/02/08		
Chloride	4 85		mg/kg	5 00		97	-	5	
Matrix Spike (CR00057-MS1)				Prepared	05/01/08	Analyzed 0	5/02/08		
Chloride	5 05		mg/kg	5 00		101			
Matrix Spike Dup (CR00057-MSD1)				Prepared	05/01/08	Analyzed 0	5/02/08		
Chloride	5 00		mg/kg	5 00		100		1	
Batch CR00058 - General Prep									
Blank (CR00058-BLK1)				Prepared	05/01/08	Analyzed 0	5/02/08		
Chloride	ND	10	mg/L						

Approved By

Argon Laboratories, Inc

QC Officer

EFSON laboratories 2126 W Marland Ave , Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc

703 E Clinton Ave Hobbs. NM 88240 Project Number PRI-08-001

Project Name Primero Luke St #3

Project Manager Bob Allen

Work Order No

C804006

BTEX EPA Method 8021B - Quality Control

Argon Laboratories

	D V	Reporting		Spike	Source			0.05	22.
Analyte	Result	Limit	Units	Level	Result	%REC	-	RPD	Notes
Batch CR00056 - EPA 5030B				<u> </u>					
Blank (CR00056-BLK1)	Prepared 05/01/08 Analyzed 05/02/08								
Surrogate a a,a-Trifluorotoluene	0 0475		mg'kg	0 0500		95		,	
Benzene	ND	0 005	"			•			
Toluene	ND	0 005	n						
Ethylbenzene	ND	0 005	u						
Xylenes (total)	ND	0 010	"						
LCS (CR00056-BS1)				Prepared	05/01/08	Analyzed	05/02/08		
Ethylbenzene	0 047		mg/kg	0 0500		94			
LCS Dup (CR00056-BSD1)				Prepared	05/01/08	Analyzed	05/02/08		
Ethylbenzene	0 045		mg/kg	0 0500		90		4	
Matrix Spike (CR00056-MS1)				Prepared	05/01/08	Analyzed	05/02/08		
Toluene	0 050		mg/kg	0 0500		100			
Matrix Spike Dup (CR00056-MSD1)				Prepared	05/01/08	Analyzed	05/02/08		
Toluene	0 050		mg/kg	0 0500		100		0	

Approved By

Argon Laboratories. Inc

QC Officer

ESSON | **laboratories** 2126 W Marland Ave , Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc

703 E Clinton Ave Hobbs, NM 88240 Project Number PRI-08-001

Project Name Primero Luke St #3

Project Manager Bob Allen

Work Order No.

Work Order No C804006

Total Recoverable Petroleum Hydrocarbons with Silica Gel Clean-Up by IR Spectrometry - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	_	RPD	Notes
Batch CR00055 - EPA 3550B					·	4,			
Blank (CR00055-BLK1)				Prepared	04/30/08	Analyzed	05/01/08		
Total Petroleum Hydrocarbons	ND	20	mg/kg						
LCS (CR00055-BS1)				Prepared	04/30/08	Analyzed	05/01/08		
Total Petroleum Hydrocarbons	45 0		mg/kg	50 0		90			
LCS Dup (CR00055-BSD1)	,			Prepared	04/30/08	Analyzed	05/01/08		
Fotal Petroleum Hydrocarbons	46 0		mg/kg	50 0		92		2	
Matrix Spike (CR00055-MS1)				Prepared	04/30/08	Analyzed	05/01/08		
Total Petroleum Hydrocarbons	51.5		mg/kg	50 0		103			
Matrix Spike Dup (CR00055-MSD1)				Prepared	04/30/08	Analyzed	05/01/08		
Total Petroleum Hydrocarbons	53 0		mg/kg	50 0		106		3	

Approved By QC Officer

Argon Laboratories, Inc

andional	ahoratories	2126 W Marland Ave	Hobbs, NM 88240	(505)397-0295	Fax (505)397-0296
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Safety & Environmental Solutions, Inc

703 E Clinton Ave Hobbs, NM 88240 Project Number PRI-08-001

Project Name Primero Luke St #3

Project Manager Bob Allen

Work Order No C804006

Notes and Definitions

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

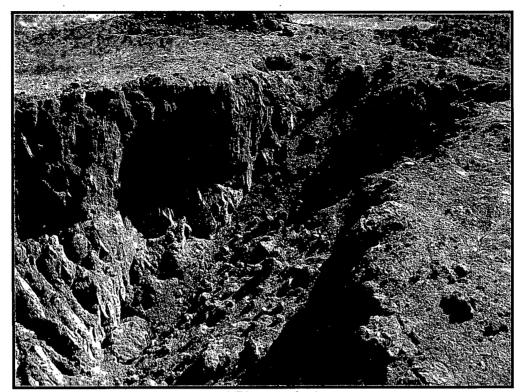
dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

Approved By . QC Officer

Argon Laboratories, Inc.

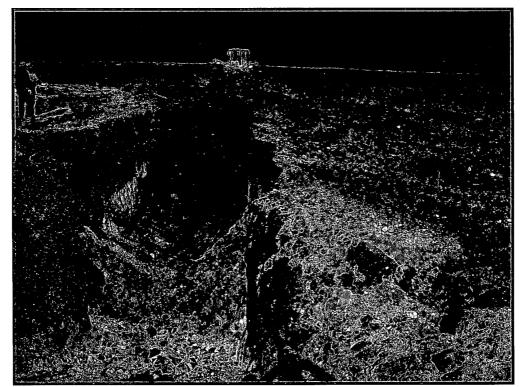
Appendix C Site Photos



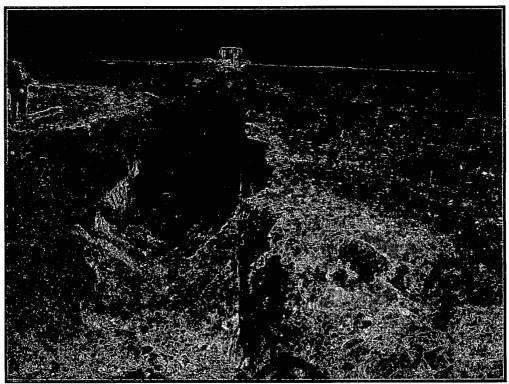
Excavated Pit area facing east



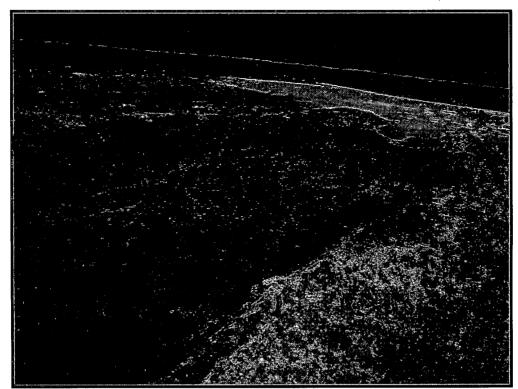
Excavated pit area facing east



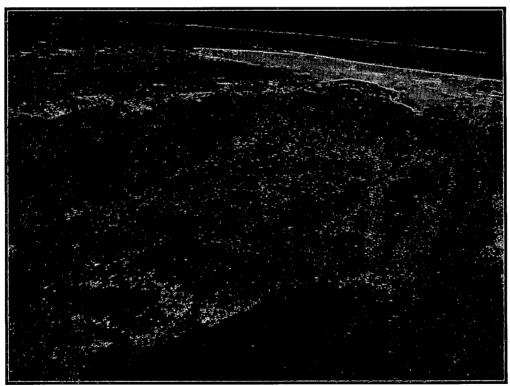
Excavated pit area facing west



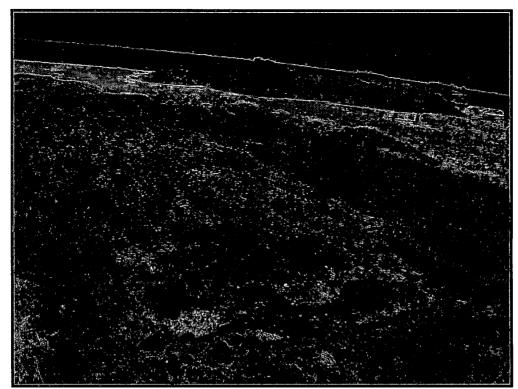
Excavated pit area facing west



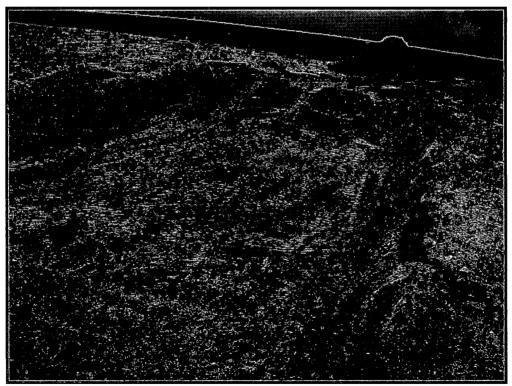
Excavated area backfilled and domed facing east



Excavated area backfilled, domed facing northeast



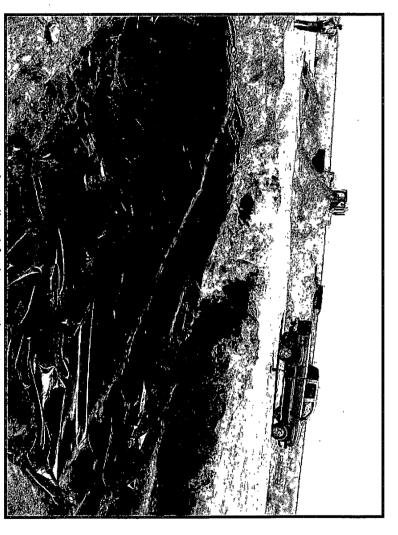
Excavated area backfilled, domed facing southeast



Excavated area backfilled, domed facing west



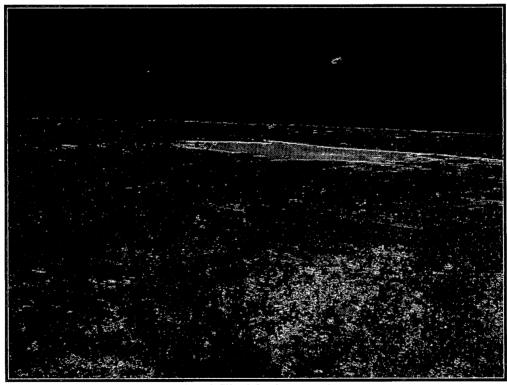
Area lined facing east



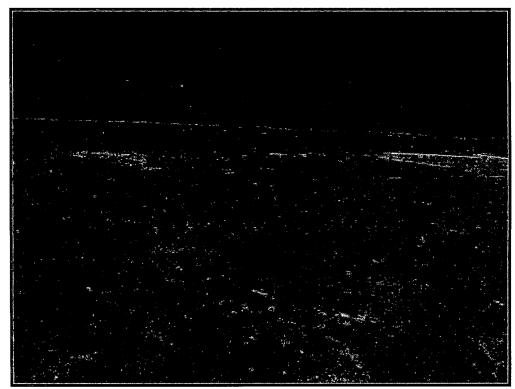
Area lined facing southeast



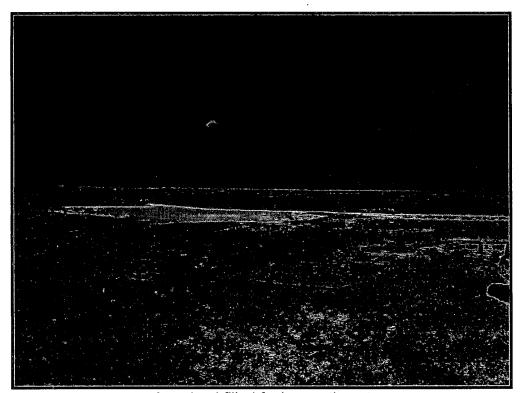
Area lined facing west



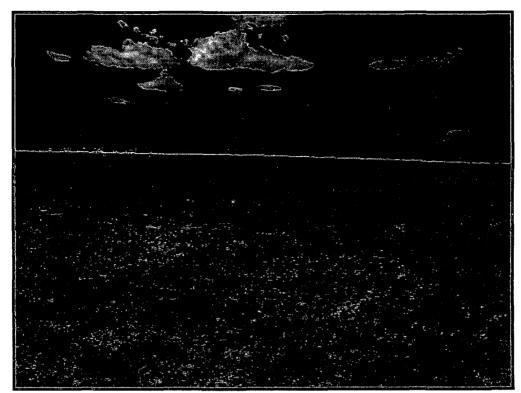
Area backfilled facing northeast



Area backfilled facing north



Area backfilled facing northeast



Area backfilled facing west