

2088

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

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company BC Operating, Inc	Contact Tami Parker
Address P O Box 50820, Midland, TX 79710	Telephone No. (432) 684-9696 ext 218
Facility Name South Langlie Jal Unit #11	Facility Type Flowline
Surface Owner Clay Osbourne	Mineral Owner
Lease No. 27321	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	8	25S	37E	990'	South	2310'	West	Lea

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release: Lease Oil	Volume of Release 20 bbls	Volume Recovered 0 bbls
Source of Release Flowline for well #11	Date and Hour of Occurrence 2/4/09	Date and Hour of Discovery 2/4/09
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

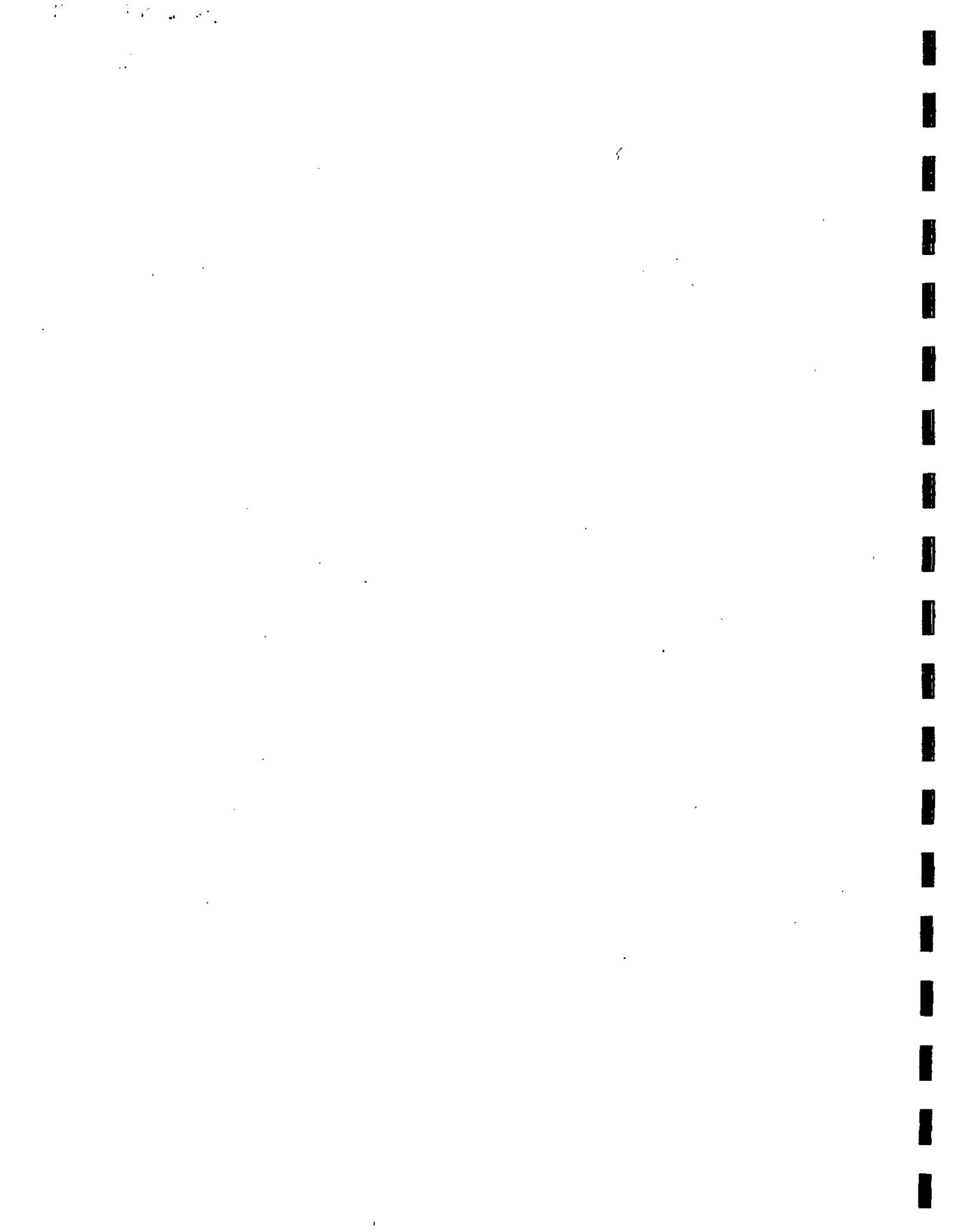
Describe Cause of Problem and Remedial Action Taken.*
Rupture in 2-3/8" steel flowline. Pipe worn out over time.

Describe Area Affected and Cleanup Action Taken.*
30' x 40' affected area. Haul off contaminated soil and back fill w/ soil off lease to clean up location of spill.

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

Signature: <i>Tami Parker</i>	OIL CONSERVATION DIVISION	
Printed Name: Tami Parker	Approved by District Supervisor:	
Title: Regulatory Analyst	Approval Date:	Expiration Date:
E-mail Address: tparker@blackoakres.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 2/13/09	Phone: (432) 684-9696 x 218	

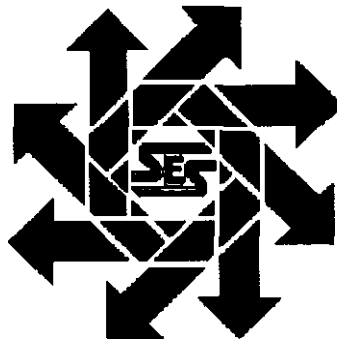
Attach Additional Sheets If Necessary



**BC Operating, Inc.
South Langlie Jal Unit #11
Unit N, Section 8, Township 25S, Range 37E
Lea County, New Mexico**

Work Plan

August 10, 2009



Prepared for:

*BC Operating, Inc.
PO Box 50820
Midland, Texas 79710*

By:

*Safety & Environmental Solutions, Inc.
703 East Clinton Street
Hobbs, New Mexico 88240
(575) 397-0510*



I. Company Contacts

NAME	Company	Telephone	E-mail
Gary Stevens	BC Operating, Inc.	432-894-7113	g.stevens2@att.net
Bob Allen	SESI	575-397-0510	ballen@sesi-nm.com

II. Background

Safety and Environmental Solutions, Inc. (SESI) was engaged by BC Operating, Inc. to perform a site assessment at the South Langlie Jal Unit #11. This is an active well site located in Unit N, Section 8, Township 25 South, Range 37 East. On February 4, 2009, a release occurred from a rupture in a 2-3/8" steel flowline for well #11. Approximately 20 barrels of lease oil was released with no recovery.

III. Surface and Ground Water

According to the database provided by the U.S. Geological Survey (USGS) online database, the average depth of water in this area is 49'.

IV. Work Performed

On June 5, 2009, SESI was onsite to map the area. The area was mapped using a Trimble Geo XM GPS. The affected area is 30 feet x 40 feet.

On July 15, 2009, SESI was onsite with Watson Construction to attempt to delineate the release. Two test trenches were installed within the affected area. Historic hydrocarbon staining was encountered at 4' to 5' bgl, below the floor of the excavated area. Field TPH samples were collected and indicated elevated hydrocarbon levels. The vertical extent of the contamination was unable to be determined at this time.

On July 21, 2009, SESI was onsite with Eco-Enviro Drilling to further delineate the release utilizing an auger rig. A total of three boreholes were installed within the affected area. Samples were collected at intervals of 5'. A hard rock layer was encountered at borehole #2 at 30' bgl and was unable to penetrate. All the boreholes were plugged to surface with bentonite and hydrated. The grab samples that were collected were transported under chain of custody to Cardinal Laboratories of Hobbs New Mexico, for analysis. In compliance to the New Mexico Oil Conservation Division (NMOCD) set of required sampling conditions, the samples were analyzed for Chlorides (EPA Method 4500-Cl⁻B), Total Petroleum Hydrocarbons (EPA Method 8015), and Benzene, Toluene, Ethyl Benzene, and Xylenes (BTEX) (EPA Method SWA-846 8021 B). The results were as follows:

Sample ID	Chlorides (mg/kg)	GRO (C6 - C10) (mg/kg)	DRO (C10 - C28) (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl Benzene (mg/kg)	Xylenes (mg/kg)
Analysis Date:	7/21/09	7/21/09	7/21/09	7/21/09	7/21/09	7/21/09	7/21/09
BH#1 8' BGL	2560	<10.0	1210	<0.050	<0.050	0.191	0.365
BH#1 13' BGL	352	<10.0	66.7	<0.050	<0.050	<0.050	<0.300
BH#1 18' BGL	144	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
BH#2 9' BGL	1060	548	8030	0.054	1.56	5.36	8.51
BH#2 14' BGL	144	786	8510	<0.050	0.403	5.08	6.58



BH#2 19' BGL	96	665	7860	<0.050	0.421	6.03	9.43
BH#2 24' BGL	<16	311	2510	<0.050	<0.050	10.1	10.7
BH#2 29' BGL	80	341	4830	<0.050	0.157	2.30	3.87
BH#2 30' BGL	464	524	8420	<0.050	0.241	1.83	4.99
BH#3 6' BGL	3080	2410	6580	0.181	2.42	8.05	18.0
BH#3 11' BGL	384	<10.0	643	<0.050	<0.050	0.223	0.820
BH#3 16' BGL	464	<10.0	84.1	<0.050	<0.050	<0.050	<0.300
BH#3 21' BGL	400	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300

V. Action Plan

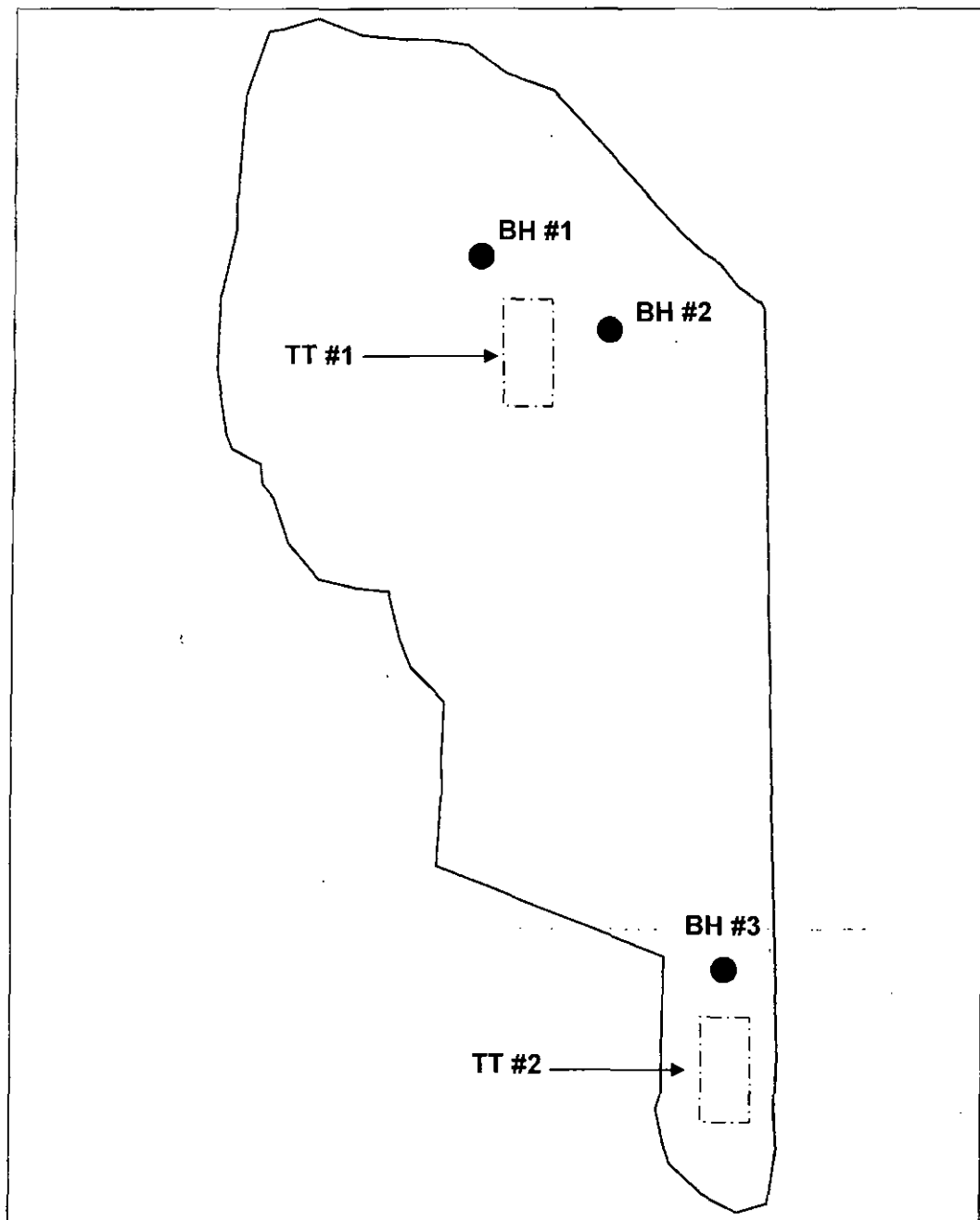
It is requested that the affected area be excavated to a depth of 10' bgl. The most highly contaminated soils will be transported to Sundance Services, a New Mexico Oil Conservation Division (NMOCD) approved facility for disposal. The excavated area will then be backfilled and domed to 4' bgl with like soils. A 20 mil plastic liner will be installed to prevent any of the historic contamination that was discovered from further migrating. The excavation will then be backfilled to surface and contoured to grade.

VI. Figures & Appendices

- Figure 1 – Vicinity Map
- Figure 2 – Site Plan
- Appendix A – Analytical Results
- Appendix B—Site Photos
- Appendix C –C-141

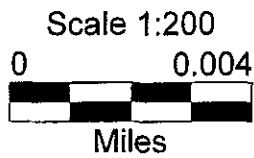






South Langlie #11

Lat/Long
WGS 1984

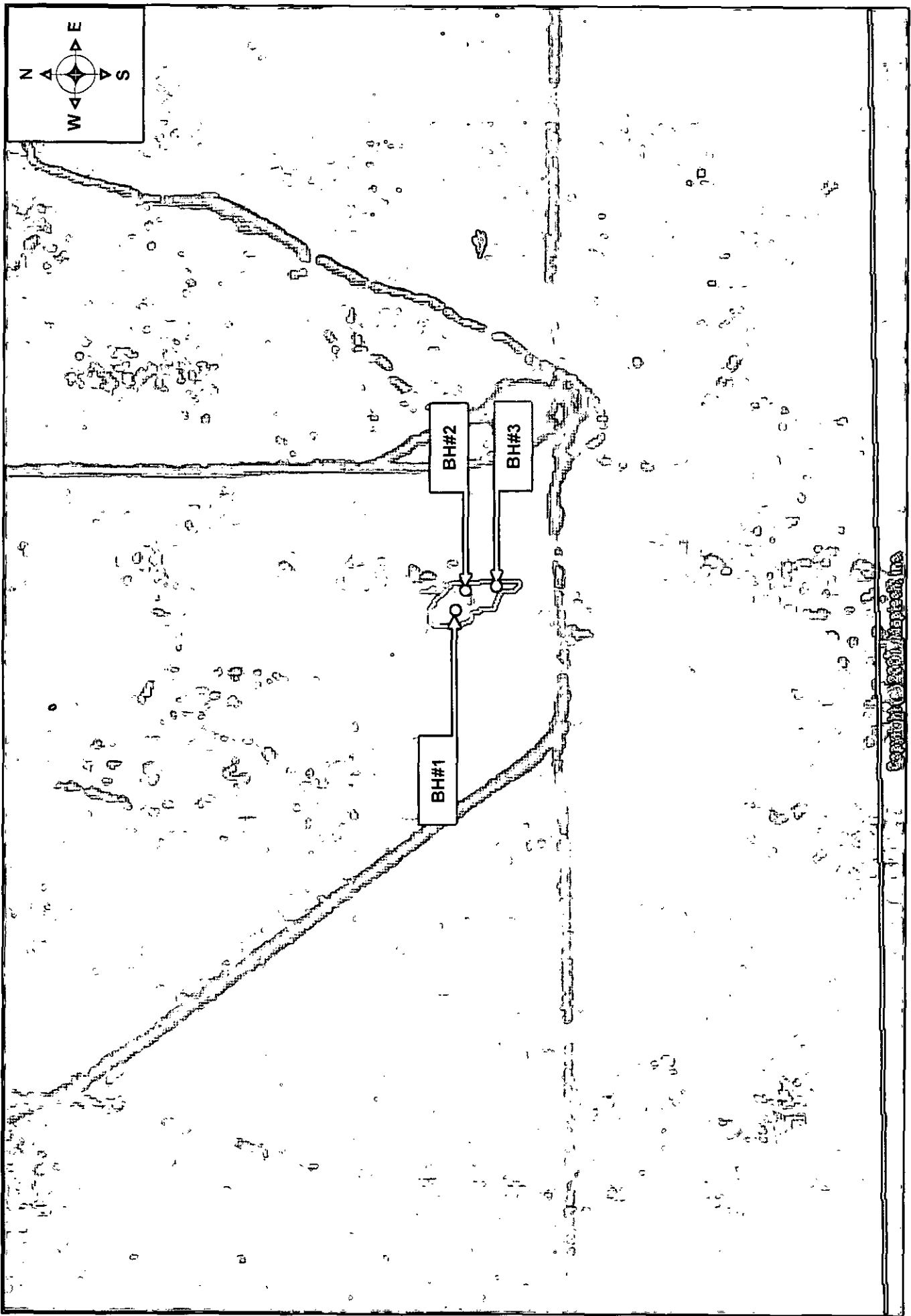
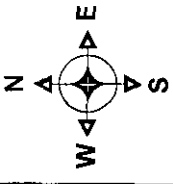


BCO-09-001.SSF
8/10/2009

GPS Pathfinder[®] Office







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PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
 SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
 ATTN: BOB ALLEN
 703 E. CLINTON, #102
 HOBBS, NM 88240
 FAX TO: (575) 393-4388

Receiving Date: 07/21/09
 Reporting Date: 07/28/09
 Project Owner: BC OPERATING (BCO-09-001)
 Project Name: SOUTH LANGLIE #11
 Project Location: JAL, NM

Sampling Date: 07/21/09
 Sample Type: SOIL
 Sample Condition: COOL & INTACT @ 5.5°C
 Sample Received By: ML
 Analyzed By: AB/ZL


LAB NO.	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
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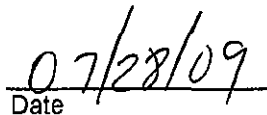
ANALYSIS DATE:	07/23/09	07/23/09	07/24/09	07/24/09	07/24/09	07/24/09
H17850-1 BH #1. 8' BGL	<10.0	1,210	<0.050	<0.050	0.191	0.365
H17850-2 BH #1. 13' BGL	<10.0	66.7	<0.050	<0.050	<0.050	<0.300
H17850-3 BH #1. 18' BGL	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
H17850-4 BH #2. 9' BGL	548	8,030	0.054	1.56	5.36	8.51
H17850-5 BH #2. 14' BGL	784	8,510	<0.050	0.403	5.08	6.58
H17850-6 BH #2. 19' BGL	665	7,860	<0.050	0.421	6.03	9.43
H17850-7 BH #2. 24' BGL	311	2,510	<0.050	<0.050	10.1	10.7
H17850-8 BH #2. 29' BGL	341	4,830	<0.050	0.157	2.30	3.87
H17850-9 BH #2. 30' BGL	524	8,420	<0.050	0.241	1.83	4.99
H17850-10 BH #3. 6' BGL	2,410	6,580	0.181	2.42	8.05	18.0
H17850-11 BH #3. 11' BGL	<10.0	643	<0.050	<0.050	0.223	0.820
H17850-12 BH #3. 16' BGL	<10.0	84.1	<0.050	<0.050	<0.050	<0.300
H17850-13 BH #3. 21' BGL	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
Quality Control	528	541	0.056	0.056	0.053	0.168
True Value QC	500	500	0.050	0.050	0.050	0.150
% Recovery	106	108	112	112	106	112
Relative Percent Difference	6.3	2.9	<1.0	1.8	2.6	<1.0

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B.
 TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE,
 AND TOTAL XYLENES. Reported on wet weight. Not accredited for GRO/DRO.

* H17850-1 and H17850-11 TPH GRO/DRO surrogate outside historical limits due to matrix interference.

** H17850-4 BTEX surrogate outside historical limits due to matrix interference.


 Lab Director


 Date

H17850 TPHBTEX SESI

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79803 101 East Marland, Hobbs, NM 88240
 (915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Company Name: SAFETY & ENVIRONMENTAL SOLUTIONS		P.O. #:		ANALYSIS REQUEST		
Project Manager: Bob Allen		Company: SAME				
Address: 703 E. CLINTON, #102		Attn:				
City: HOBBS		Address:				
State: NM Zip: 88240		City:				
Phone #: (505) 397-0510 Fax #: (505) 393-4388		State:				
Project #: BCO-09-001		Phone #:				
Project Name: South Louisiana #11		Fax #:				
Project Location: Sal, NM		Project Owner: BC Operating				
Sampler Name: Brian Cuellar						
FOR LAB USE ONLY						
Lab I.D.	Sample I.D.	CONTAINERS (GRAB OR TOP)	MATRIX	PRESERV.	DATE	TIME
			GROUNDWATER	ACID/BASE	7/21/09	0740
			WASTEWATER	ICE/COOL	7/21/09	0754
			SOIL	OTHER:	7/21/09	0805
			SLUDGE	OTHER:	7/21/09	0830
			OTHER:	OTHER:	7/21/09	0838
			GLASS	OTHER:	7/21/09	0844
			OTHER:	OTHER:	7/21/09	0904
			OTHER:	OTHER:	7/21/09	0915
			OTHER:	OTHER:	7/21/09	0931
			OTHER:	OTHER:	7/21/09	1013
H17850-1	BH# 1. 8' bag	G	✓	✓		
-2	BH# 1. 13' bag	G	✓	✓		
-3	BH# 1. 18' bag	G	✓	✓		
-4	BH# 2. 9' bag	G	✓	✓		
-5	BH# 2. 14' bag	G	✓	✓		
-6	BH# 2. 19' bag	G	✓	✓		
-7	BH# 2. 24' bag	G	✓	✓		
-8	BH# 2. 29' bag	G	✓	✓		
-9	BH# 2. 30' bag	G	✓	✓		
-10	BH# 3. 6' bag	G	✓	✓		

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 2.5% per annum from the original date of invoice and all costs of collections, including attorney's fees.

PLEASE NOTE: Laboratory and Client's exclusive responsibility for any chain arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 90 days after completion of the applicable analysis. In no event shall Cardinal be liable for individual or consequential damages, including without limitation, business interruptions, loss of data, 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 claims be based upon any of the above stated provisions or otherwise.

Sampler Relinquished: *B. Cuellar*
 Date: 7/21/09
 Time: 3:29
 Received By: *Brian Cuellar*
 Date: 7/21/09
 Time: 3:29
 Received By: *Brian Cuellar*

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other:
 Sample Condition Temp, °C Intact? Checked By: *MLB*
 5.5C Yes No (Initials)

Phone Results: Yes No
 Fax Results: Yes No
 REMARKS: *CI added 7/30/09 as per Susanna.

† Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.



CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbes, NM 88240
 (915) 673-7001 Fax (915) 673-7020 (505) 393-2328 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 2

Company Name: SAFETY & ENVIRONMENTAL SOLUTIONS Project Manager: Bob Allen Address: 703 E. CLINTON, #102 City: HOBBS Phone #: (505) 397-0510 Zip: 88240 Fax #: (505) 393-4388 Project #: BCO-09-001 Project Name: South Lags Lic #11 Project Location: Sal, NM Sampler Name: Brian Cuellar		Company: SAME Address: City: State: Phone #: Fax #:		Matrix: GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		Preserv. ACID/BASE: ICE/COOL OTHER:		Sampling DATE TIME		Analysis Request CL- BTEX TPH 8015	
Lab I.D. Sample I.D. HT850-1 BH#1.8'bs -2 BH#1.13'bs -3 BH#1.18'bs -4 BH#2.9'bs -5 BH#2.14'bs -6 BH#2.19'bs -7 BH#2.24'bs -8 BH#2.29'bs -9 BH#2.30'bs -10 BH#3.6'bs		(G)RAS OR (COMP) 1 1 1 1 1 1 1 1 1 1		# CONTAINERS 1 1 1 1 1 1 1 1 1 1		<input checked="" type="checkbox"/> SOIL <input checked="" type="checkbox"/> WASTEWATER <input checked="" type="checkbox"/> OIL <input checked="" type="checkbox"/> SLUDGE <input checked="" type="checkbox"/> OTHER:		<input checked="" type="checkbox"/> ACID/BASE <input checked="" type="checkbox"/> ICE/COOL <input checked="" type="checkbox"/> OTHER:		<input checked="" type="checkbox"/> CL- <input checked="" type="checkbox"/> BTEX <input checked="" type="checkbox"/> TPH 8015	
FOR LAB USE ONLY Date: 7/21/09 Time: 3:29 Date: Time:		Received By: [Signature] Received By: (Lab Staff)		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No REMARKS:		Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition Temp, °C 55C Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked By: [Signature]		f Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.	

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Sampler Relinquished: [Signature]

Relinquished By: [Signature]

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other:



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LEA CO. NM WELL NO. 11





