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DEC 0.7 2010 HOBBSOCD

December 7, 2010

NMOCD 1625 No. French Dr. Hobbs, NM 88241

Attn: Larry Johnson

Reference: State NBF Remediation and Restoration Project Protocol 1RP-10-6-2567

Dear Mr. Johnson:

Enclosed, please find a final copy of our remediation report for the Jay Management State NBF location in Lea County, New Mexico.

Thank you again for the opportunity of working with you on this project.

Warmest personal regards,

Mike Grifft President

Whole Earth Environmental, Inc.

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State of New Mexico Energy Minerals and Nutural Resources

Oil Conservation Division 1220 South St. Finneis Dr. Santa Ce. NM 87505 RECEIVED
Frame C-141

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HOBBSUCED Rule 116 on back
Side of firm

Release Notification and Corrective Action

Section Continues	OPERATOR X Initial Report) [] Final Report
Name of Company Jay Management	Contact Kirk Browssand
Address 2425 West Loop So. Suite 810 Houston, TX 77027	Telephoise No. 711.421.5882 X 302
Pacifity Name State: Near NHF State # 1	Facility Type Selt Water Disposal Line
Service Owner NMSLO Mineral Owner	r Jey Migrat. J-Lease No. OC-1463-
	ON OF RELEASE 30 025 20 89 NH 2
	16/South Line Feet from the flush West Line County
F 22 US 30E	Sen.
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🕺 Yes 📋 No 📋 Not Regulace	Maxie Bruma
By Whest? Kirk Becaspid	Digwand Hour: Approx. 8:00 AM 1/18/H)
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regulations all operators are required to report and/or file cratain release public health or the environment. The programme of a C-141 report by remode their operations have folled to adventibly investigate and remode.	is the best of my knowledge and understand that pursuant to NBIGCD substand a autifications and perform corrective actions for referees which may endinger the NAIOCD maked is "Final Report" does not referee the operator of leability that contamination that post a threat to ground when, surface water, human health is does not refere the operator of responsibility for compliance with any other
	OIL CONSERVATION DIVISION
Signature: Signature: Kirk Beausyard	Approved by District ENVIRONMENTAL ENGINEER
Tills figures	Approximi Cinic: 6 - 23 · 10 Expiration Date: 8 · 23 · 10
Pareoli Address; kirkliftigrunggalnyann	Conditions of Approval:

nlws1017456509 {(ws 1017637127 District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

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

Form C-141 Revised October 10, 2003

DEC 0 / 2010

Submit 2 Copies to appropriate

HOBBSOP with Rule 116 on back

side of form

Release Notification and Corrective Action **OPERATOR** Initial Report X Final Report Name of Company: Jay Management Contact: Kirk Broussard Address: 2425 West Loop So. Suite 810 Houston, TX 77027 Telephone No.: 713.621.3882 X 302 Facility Name: NBF State # 1 Facility Type: Salt Water Disposal Line Mineral Owner: Isramco Surface Owner: State Lease No.: OG-1402 30.025.20891 LOCATION OF RELEASE Unit Letter Feet from the North/South Line Feet from the East/West Line Section Township Range County 22 33E F 118 Latitude Longitude NATURE OF RELEASE Volume of Release: >300 Bbls. Type of Release: Salt Water Volume Recovered: Approx. 280 Bbls Source of Release: Pipeline Leak Date and Hour of Occurrence: Date and Hour of Discovery; Approx. 5 AM 1-18-10 Approx. 7 AM 1-18-10 Was Immediate Notice Given? If YES, To Whom? X Yes No Not Required Maxie Brown By Whom?: Kirk Broussard Date and Hour: 8:00 AM 1-18-10 Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. Yes X No If a Watercourse was Impacted, Describe Fully.* Describe Cause of Problem and Remedial Action Taken.* During well workover, deadman set too closely to pipeline. High winds caused the anchor to flex, damaging the transite pipeline Describe Area Affected and Cleanup Action Taken.* All fluids on surface immediately removed. The area was electromagnetically surveyed to determine lateral extent of contamination. Severely impacted soils were excavated and transported to commercial disposal. Less concentrated soils were mixed and blended and set atop a bentonite liner. I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. OIL CONSERVATION DIVISION Signature: Approved by District Super STONMENTAL ENGINEER Printed Name: Kirk Broussard

12.7.10

Expiration Date:

Attached

Approval Date:

Conditions of Approval:

E-mail Address: kirkb@isramco-jay.com

Phone: 713.621.3882 X 302

Title: Engineer

Date: 11-27-10

^{*} Attach Additional Sheets If Necessary



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DEC 0.7 2010 HOBBSOCD

Executive Summary
Jay Management Co.
State NBF
Remediation Project
1RP- 10-6-2567

Location

The site is located approximately nineteen miles west of the City of Tatum, Lea County, New Mexico on state lands. The primary land use is grazing of cattle however extensive oil and gas operations are prevalent in the area. The area is semi-arid with a net precipitation / evaporation amount of -73" per year. The legal description is S-22, T-11S, R-33E. Depth to groundwater is estimated to be approximately 52' below ground surface.

History

While plugging the well, an anchor was placed too closely to the main salt water trunk line leading to Isramco-Jay's Satellite 5. High winds bent the anchor into the transite line causing a major release. Snow and sleet conditions prevented immediate delineation activities but vacuum trucks were dispatched upon discovery of the leak and recovered approximately 280 bbls of fluid.

With the plugging and abandonment of the well, it was agreed with Mr. Larry Johnson of the Hobbs NMOCD that remediation of the brine spill could be conducted in conjunction with the overall site restoration required by the NMSLO after normal plugging activities.

Delineation Activities

The spill event occurred during an unusual snow, sleet and rain event lasting for several days. During the rainstorms all pooling areas, (puddles) were field titrated for chloride concentrations. All fluids containing a chloride concentration exceeding 250 ppm were removed and sent to disposal.

When the surface dried out enough to be surveyed with electromagnetic instruments, the affected area was delineated with a Geonics EM-38 providing conductivity / resistivity comparisons from the ground surface to a depth of 5'. The results of the survey indicated that the leak traveled due east along the lease road and puddled in two distinct areas. The first is situated immediately south of the battery area, the second at the far eastern end of the lease road. A third area containing hydrocarbon seepage from storage tanks was discovered during the investigation of the western puddle area.

Remediation

The three affected areas were quite distinct in nature as were the remediation approaches used to resolve them.

East Puddle

The run-off from the January 2010 event followed the surface contours to with the majority of the fluid volumes puddled immediately east of the north / south portion of the lease road. Heavy rain events subsequent to the leak allowed us to use vacuum trucks to remove the majority of fluids from within the natural depressions and therefore limit the vertical migration of the brine water. A series of bore holes taken throughout the spill area demonstrated that the chloride impact was superficial having an average depth of 4-5' below ground surface.

A volume of 2,194 cubic yards of affected soils were excavated to an average depth of 4' below ground surface and transported to the Gandy/Marley disposal facility in Caprock, New Mexico. The excavation was backfilled with "pond bottoms" obtained from the landowner. Within the same excavation footprint, the area was excavated an additional 3' to a total depth of 5' below ground surface. The additionally excavated soils were mixed and blended with native soils to achieve a chloride concentration protective of the environment. These blended soils were overlain by fresh topsoil, compacted and contoured to provide positive drainage.

West Puddle

The west puddle was nearest the leak source however the presence of a hard caliche pad prevented any significant penetration into the soil profile. The minor volumes of affected soils were excavated and stockpiled on location and eventually mixed and blended with the hydrocarbon contaminated soils beneath the tank area to achieve a homogenous mixture meeting the NMOCD standards.

Tank Area

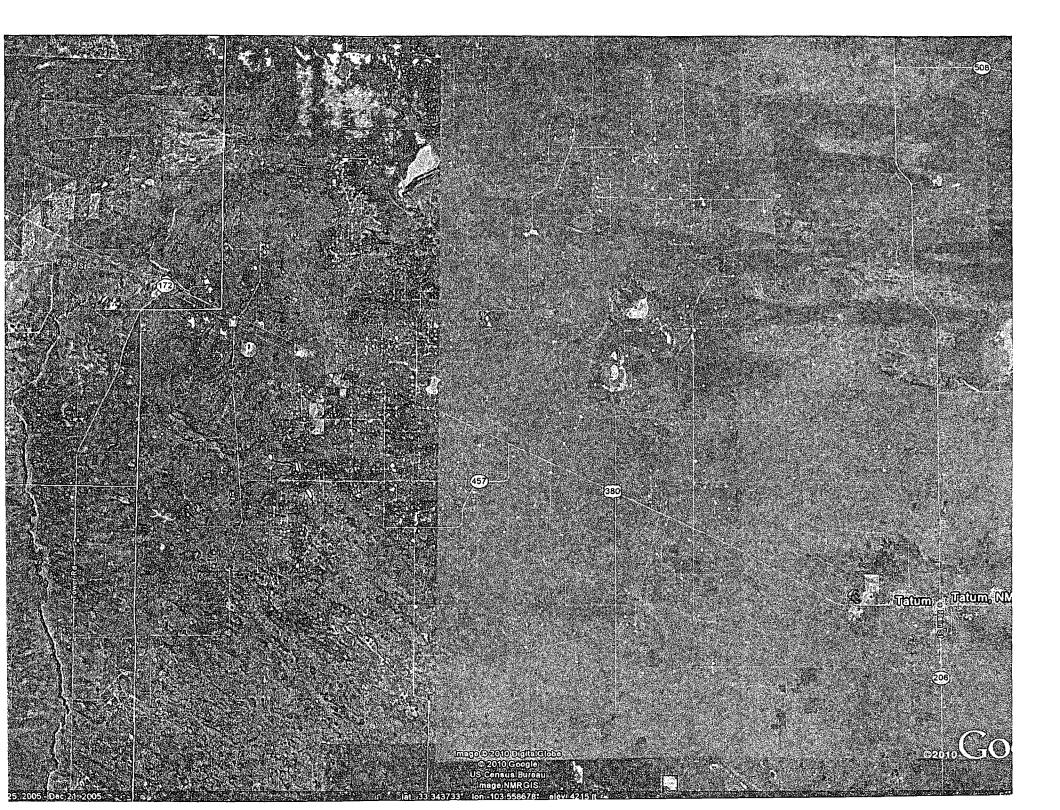
The areas beneath the tanks were free of significant chloride concentrations but contained significant concentrations of aliphatic range hydrocarbons. The area was excavated to an average depth of 18' below ground surface with the soils stockpiled immediately adjacent to the excavation. We advanced a series of seven bore holes to a maximum depth of 35' below ground surface testing for chlorides and VOC's as the

bores were advanced. The bore holes were equipped with 2" slotted PVC casing into which six hundred gallons of microbes and nutrients were introduced followed by a similar volume of water and nutrients only. A bentonite mat was set at a 5' depth belowground surface over the tank battery and eastern spill area and covered with the mixed and blended soils from the west spill and tank areas.



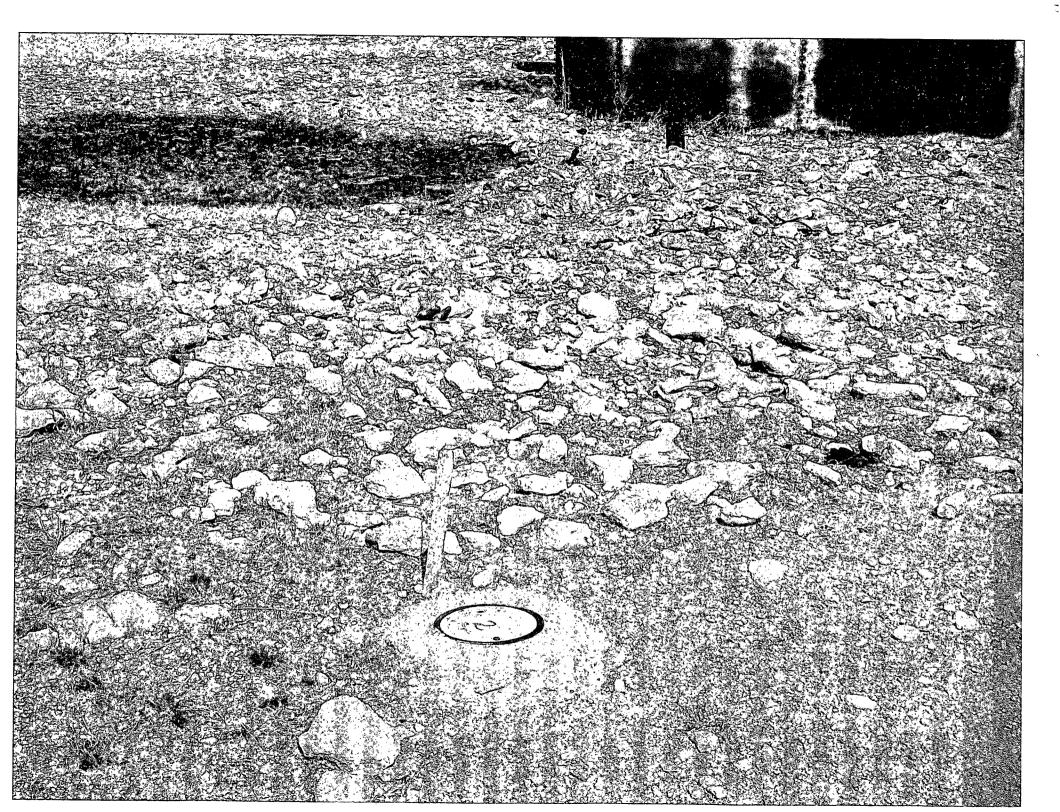
Exhibit Index

- 1. Initial C-141
- 2. Sat. Overview Zoom Out
- 3. Sat. Overview Mid Zoom Showing Pond Location (Borrow Pit)
- 4. Sat. Overview Zoom In of Affected Area
- 5. Photo Of Battery Area After Tank Removal
- 6. Overall Spill Area EM-38 Survey 0-5"
- 7. Battery Area Initial Excavation
- 8. Battery Area Backfill in Prep. for Liner
- 9. Battery Area Aerial Photo at Maximum Excavation
- 10. East Leak Area Excavation East to West
- 11. NBF East Puddle EM Survey 0-5'
- 12. East Leak Area After Backfilling
- 13. East Spill Area Aerial At Maximum Excavation
- 14. Zoom of Windmill East of NBF
- 15. Pond De-watering Detail
- 16. Isramco NBF East Leak Area Plat Map
- 17. Isramco NBF Leak East & West Area Manifest List
- 18. Laying Bentonite Liner
- 19. Battery Area Backfilled NE-SSW
- 20. Battery Area Backfilled NE-SW
- 21. Seed Mixture Listing
- 22. Final C-141







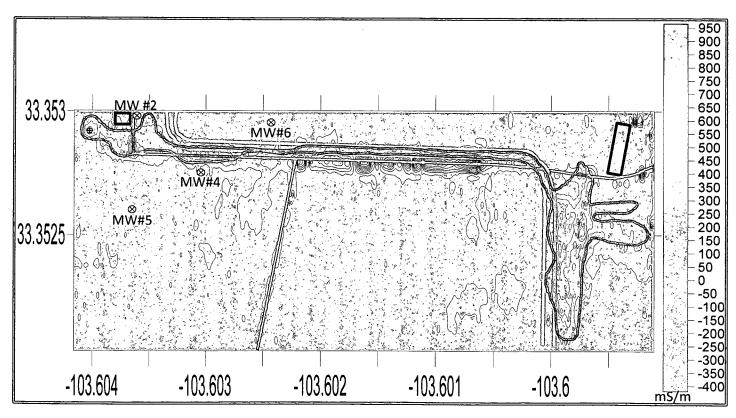


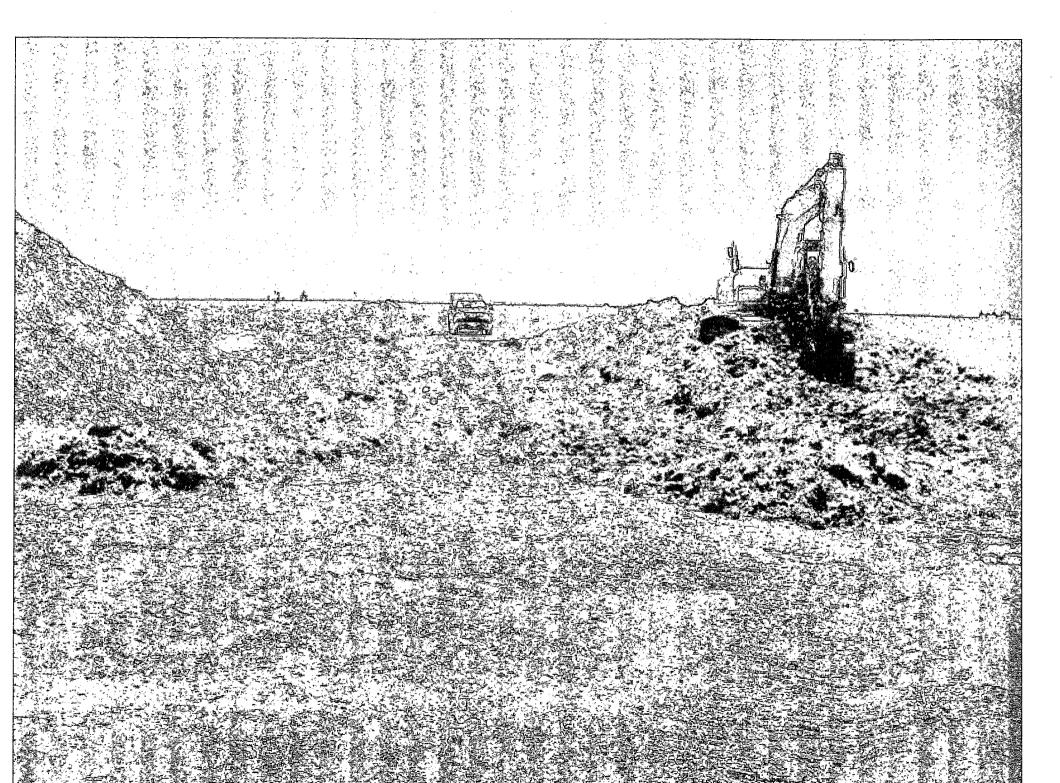
ISRAMCO NBF LEAK

- ⊕ LEAK ORIGIN
- ⊗ MWS
- PIPELINE
- OLD LOCATION

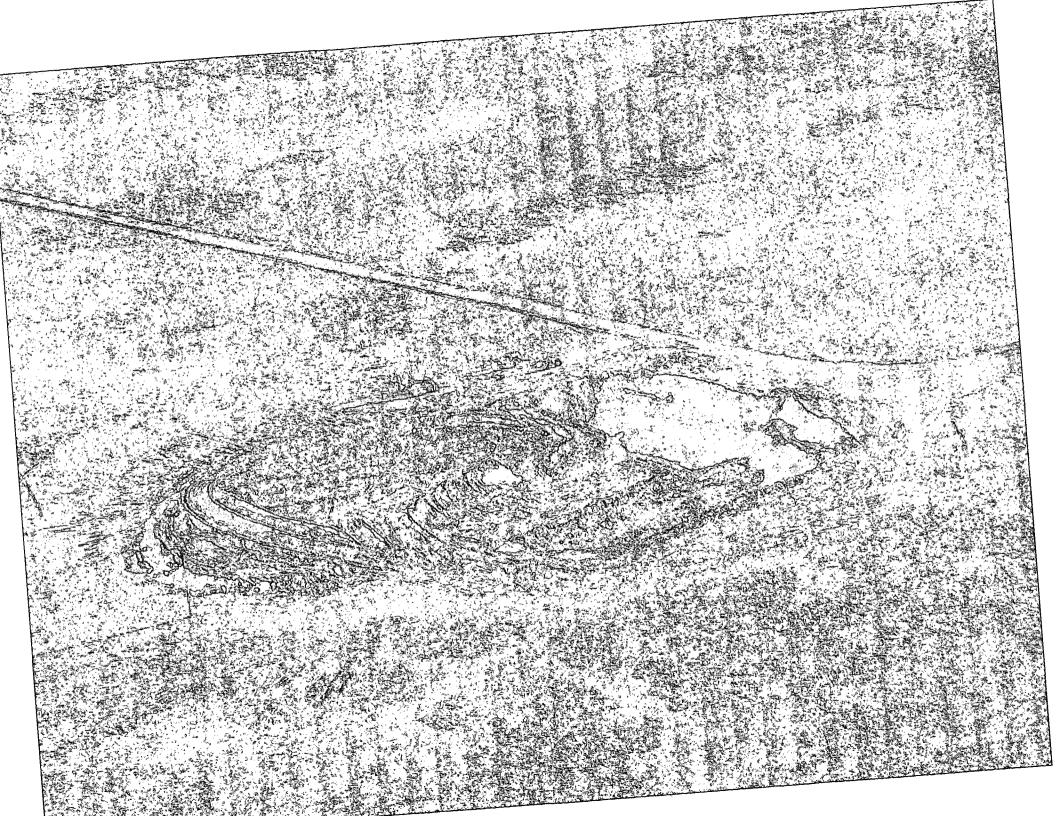
total survey area = 14.83acres 1531.2'L x 422'W total survey time = 10hrs total time survey diagrams = 5hrs

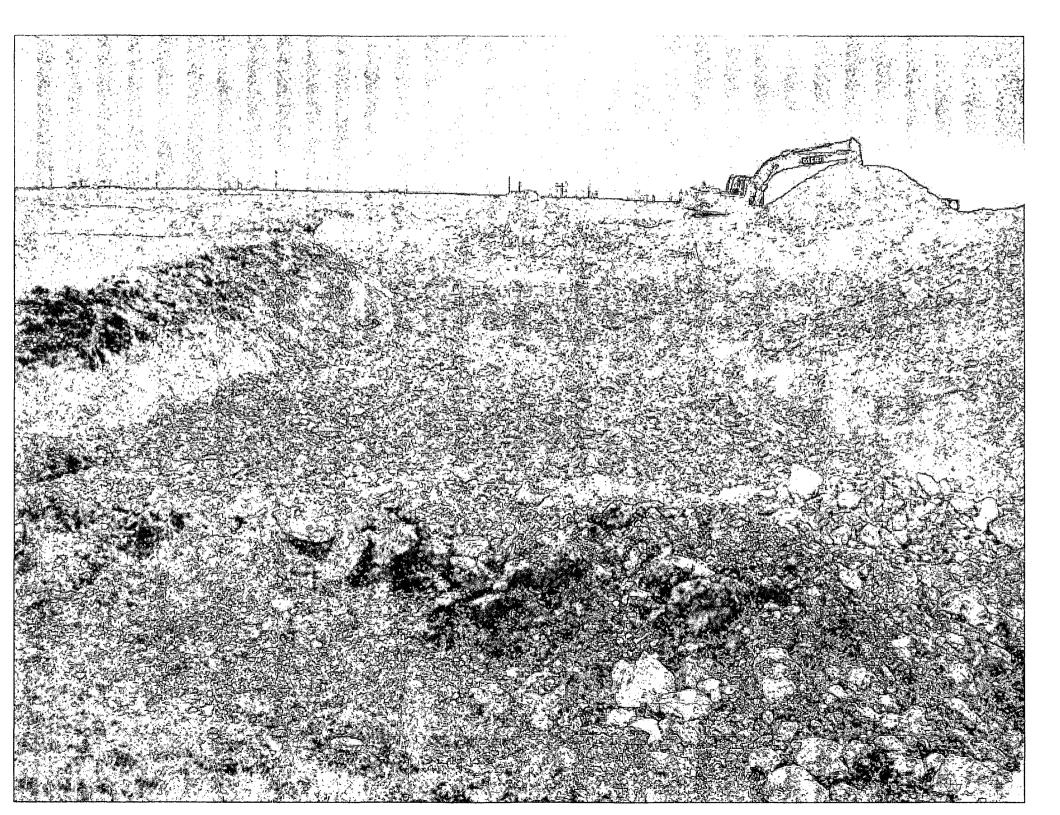




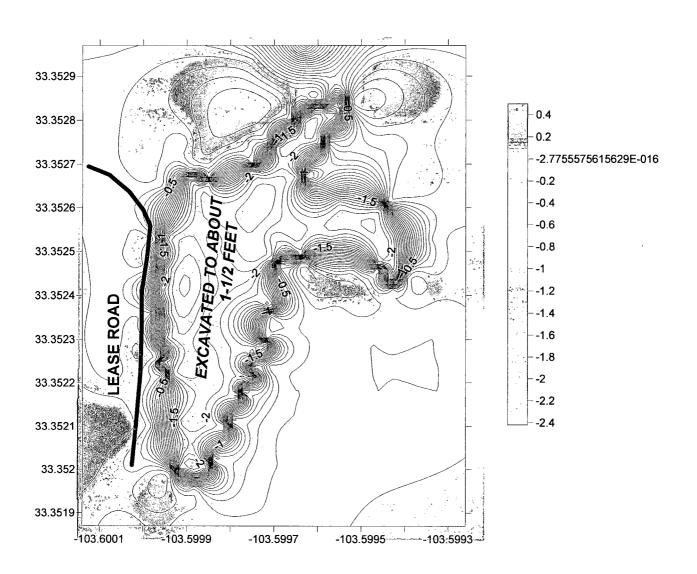


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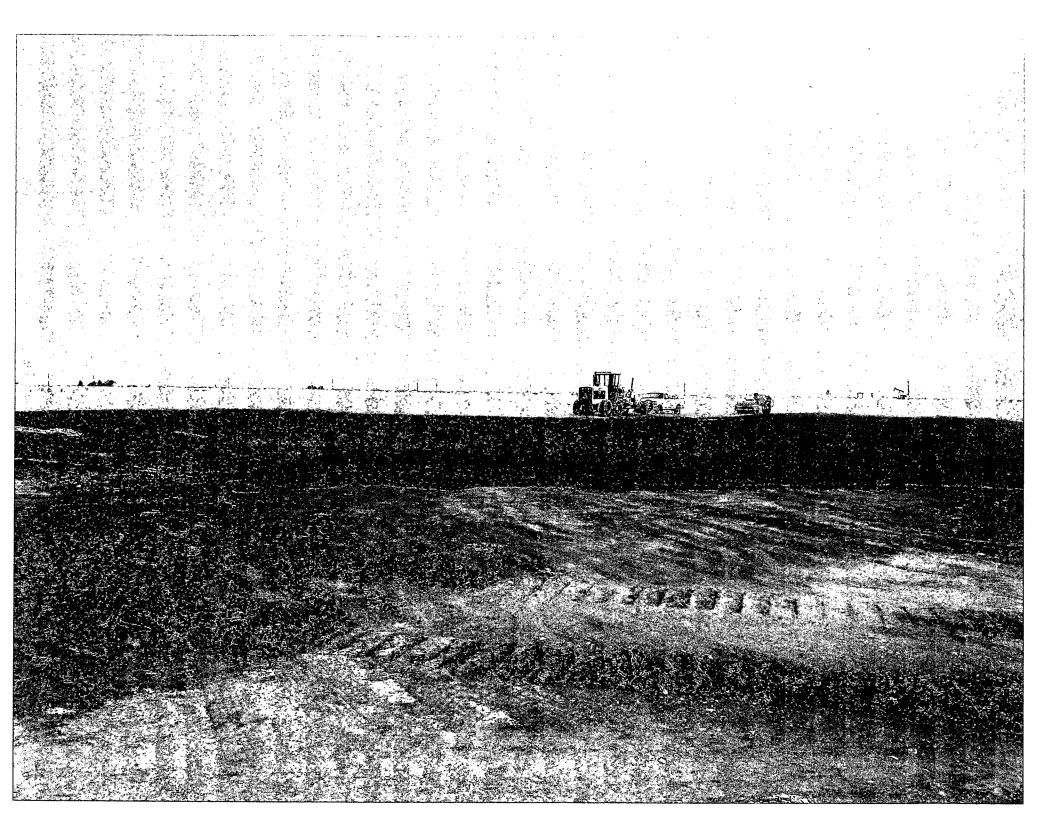


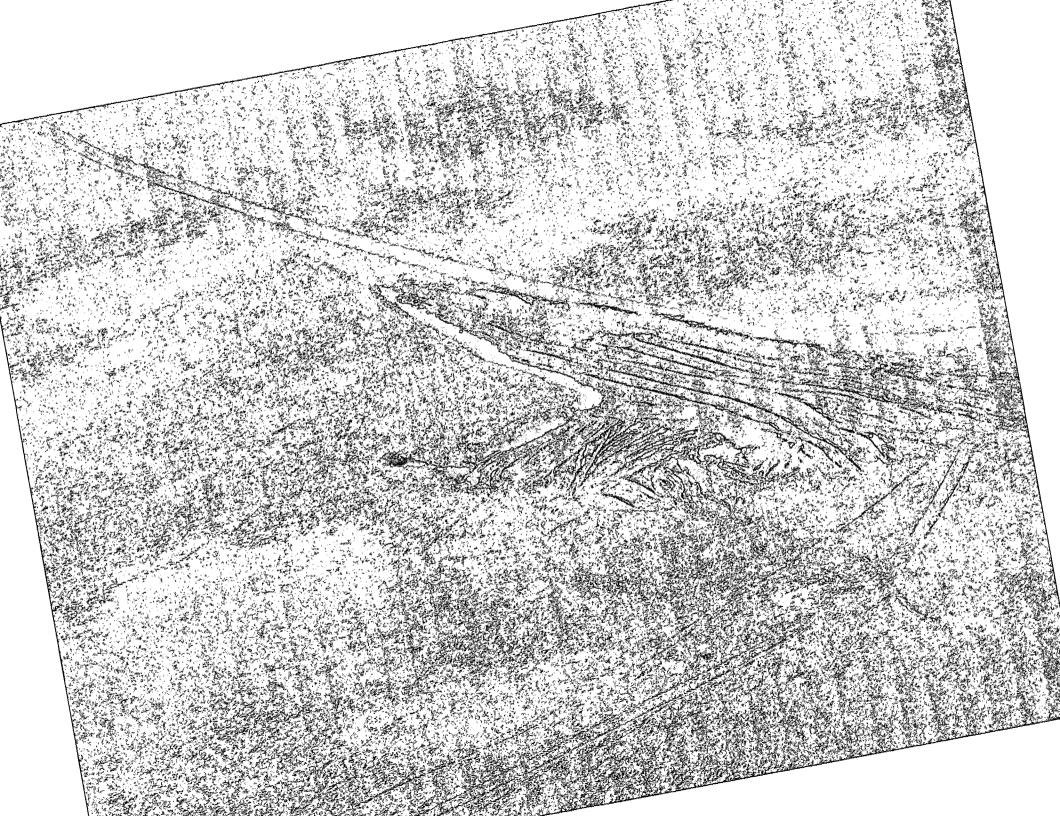


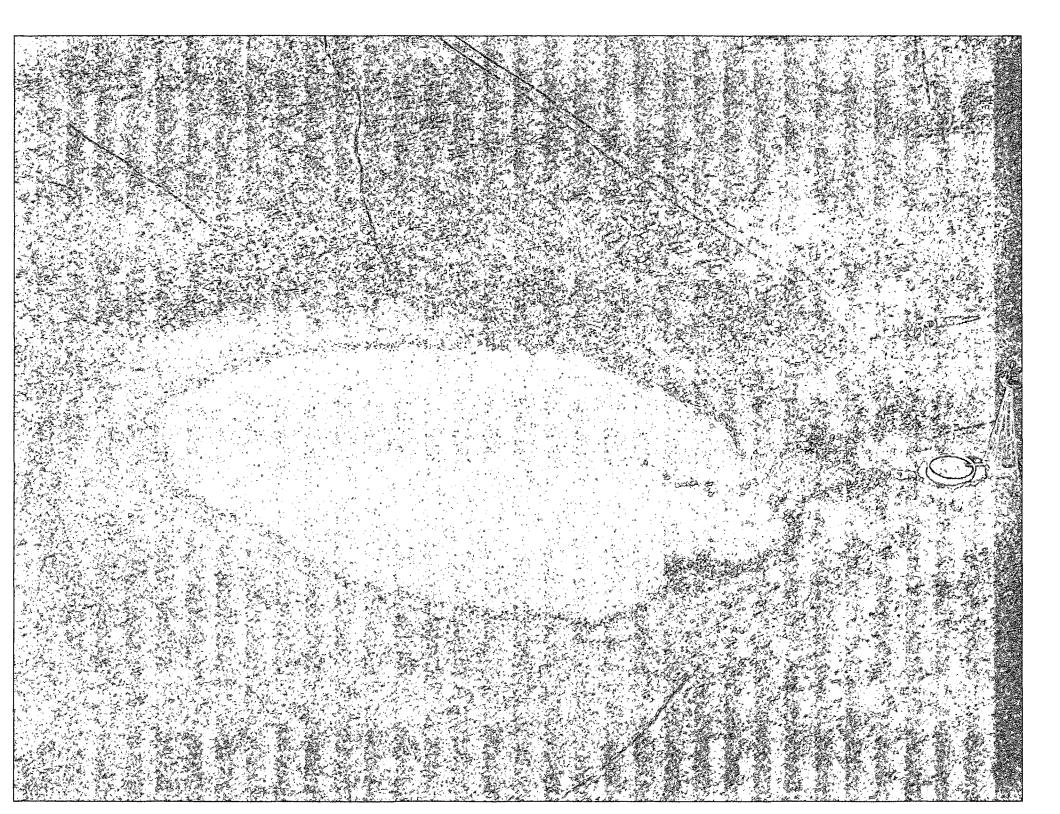
NBF SALT WATER LEAK SITE

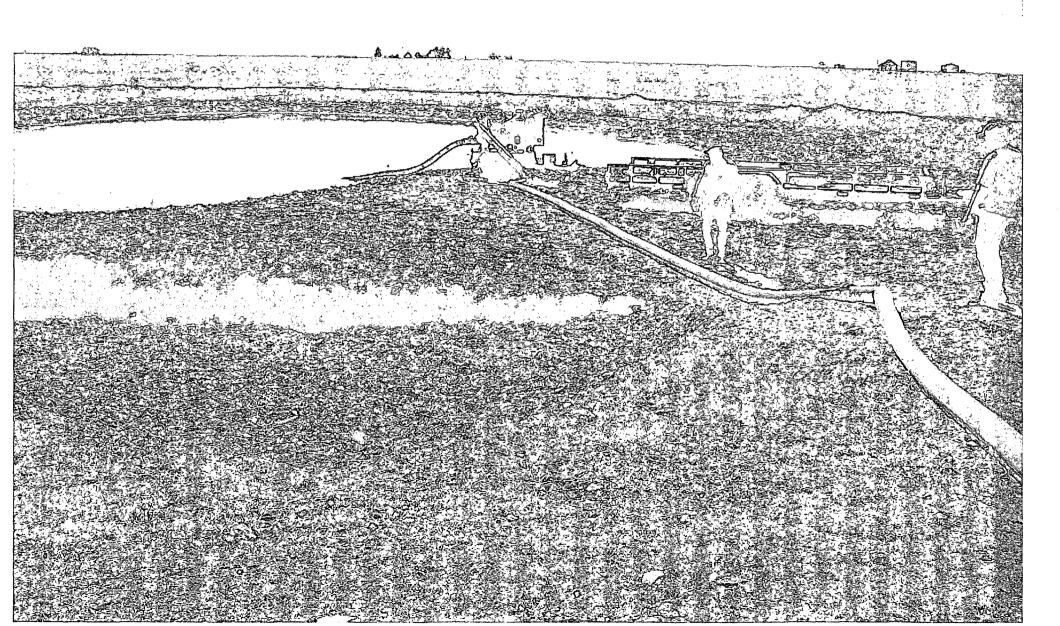


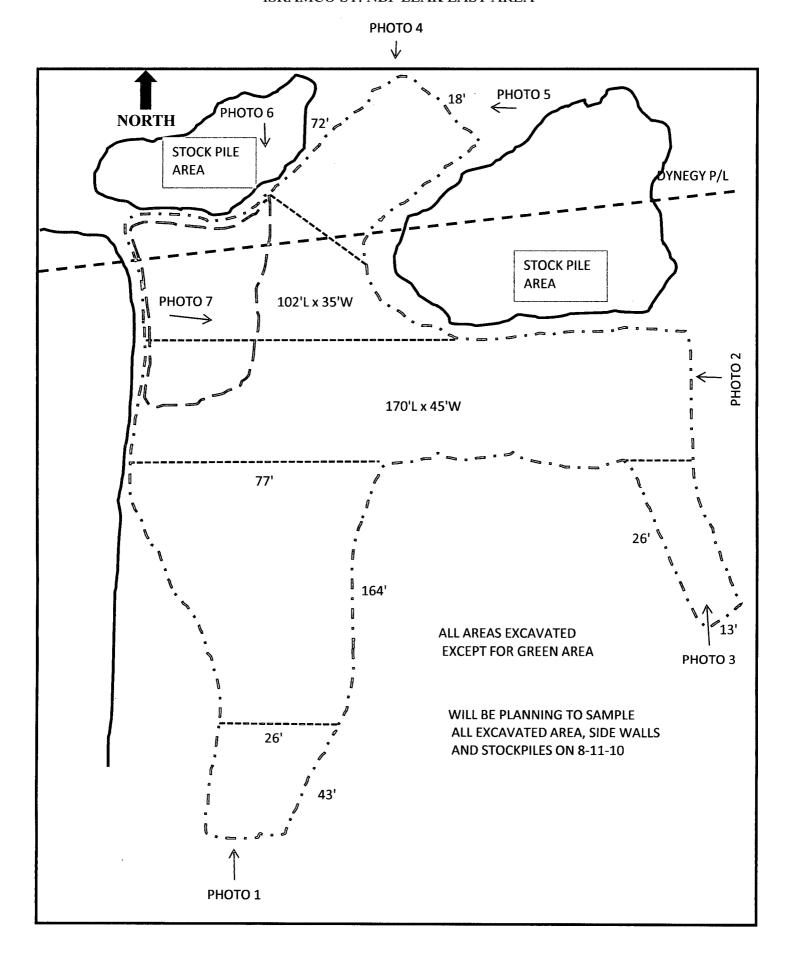
Surface area of approximately 0.529 acre. More than 50 truck loads of salt impacted soil were removed.











ISRAMCO NBF LEAK CLEAN UP MANIFEST LIST

LOAD	DATE	MAINFEST #	AMOUNT OUT	Loads to date	CYDS to date
1		44784	20		
2		44785	14		
3		44786	12		
4		44787	20		
5		44788	12		
6		44789	14		
7		44790	12		
8		44791	20		
9	C/20/10	44792	14		
10	6/30/10	44793	12		
11		44794	14		
12		44795	20		
13		44796	12		
14		44797	14		
15		44798	20		
16		44799	12		
17		44800	20		
18		44901	14	18	276
19		44902	20		
20		44903	12		
21		44904	12		
22		44906	14		
23		44907	12		
24	7/1/10	44908	14		
25		44912	12		
26		44913	14		
27		44914	12		
28		44915	14		
29		44916	14	11	150
30		44917	12		
31		44918	20		
32		44919	14		
33		44920	14		
34		44921	20		
35		44922	14		
36	7/2/10	44925	12		
37		44941	20		
38		44942	12		
39		44943	14		
40		44949	20		
41		44950	12		

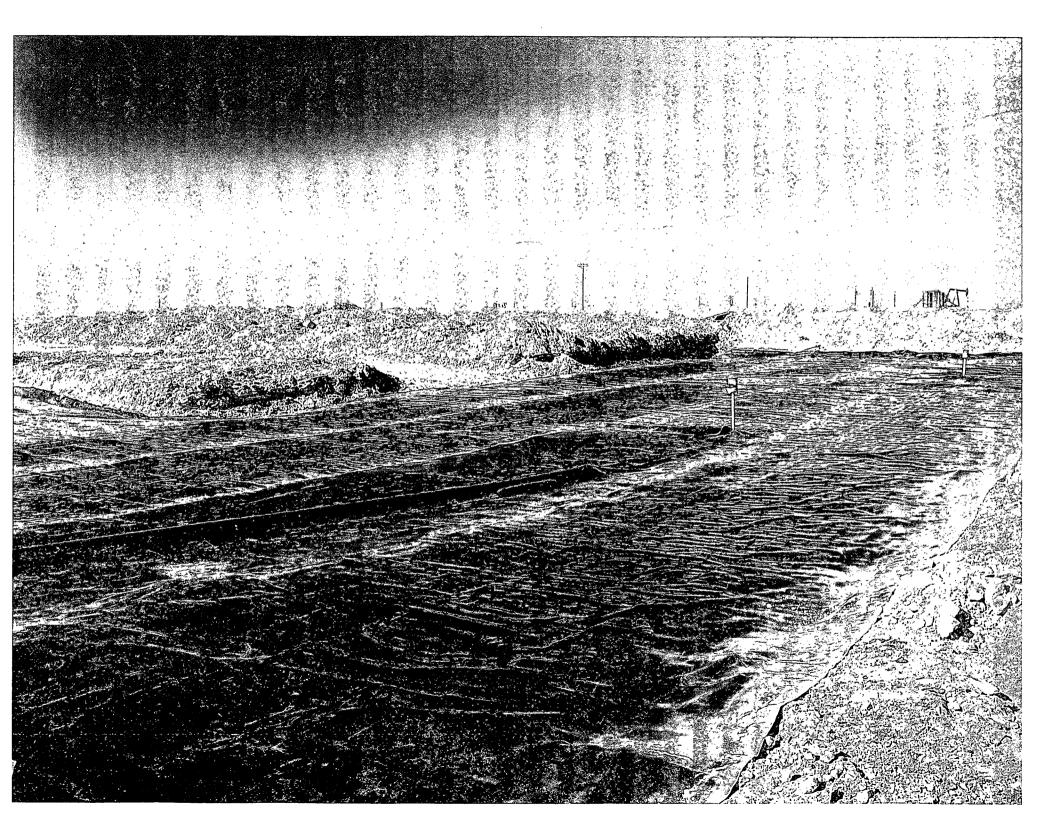
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90		45398	20		
91		45399	14		
92	7/12/10	45400	12		
93		45503	20		
94		45504	14		
95		45505	12		
96		45511	14		
97		45512	12		
98	,	45513	20		
99		45518	12		
100		45519	20		
101		45520	14	20	302
102		45248	12		302
103		45249	12	-	
104		45250	14		
105		45408	12	7	
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107		45410	12		
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111		45414	12		
112		45415	14		
113		45416	12		
114		45417	14	13	168
115		45418	14		
116		45419	12		
117		45420	14		
118		45421	12		
119		45422	14	7	
120		45423	12		
121	7/14/10	45424	14	1	
122	7/14/10	45425	12	1	
123		45566	12		
124		45567	14		
125		45569	14	7	
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		45580	12	14	182
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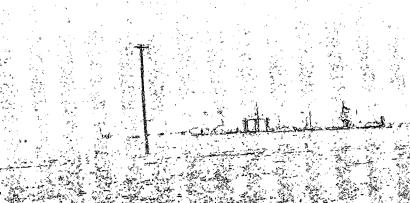
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132		45436	12		
133		45437	14		
134	7/15/10	45438	12	1	
135	7/15/10	45439	14]	
136		45440	12	1	
137		45441	12		
138	<u> </u>	45442	14	1	
139		45583	12		
140		45584	14	12	156
141		45443	14		
142		45444	12		
143	<u>-</u>	45445	20		
144		45446	12		
145		45481	14		
146		45482	20		
147	7/16/10	45483	12		
148		45484	14		
149		45485	20		
150		45486	12		
151	Γ	45488	14	1	
152		45489	12		
153		45493	14	13	190
154		45291	12		
155		45292	14		
156	7/19/10	45293	12	1	
157		45294	14		
158		45295	14	5	66
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Updated 7-25-10







Curtis & Curtis, Inc.

4500 North Prince Clovis, New Mexico 88101-9714

Phone: (575) 762-4759 Fax: (575) 763-4213

Invoice

Date: 22-Nov-10

Invc#: 24244

Page I

Acct #: Whole Earth Environm

Phone: 1 (713) 560-6076

Sold To: Whole Earth Environmental Inc

904 W Humble Hobbs, NM 88240 Shipped

*** DROP SHIP ***

To: Tatum Backhoe Service

c/o Whole Earth Enviornmental

1101 W. Broadway. Tatum. NM 88267

Type: Sale

DESCRIPTION

Lot Code

PO #:

Shipped: 22-Nov-10

Terms: Credit Card

Order #: 24244

Ordered: 22-Nov-10

Via: UPS

Due: 22-Nov-10

Spcl: .

Sold By: JC

FOB: FOB Clovis

OUANTITY

NET PRICE Special

Royalties

EXTENSION

1	Annual Ryegrass, Gulf 17091	SHIP	69.400 lbs	\$0.650	ЛЪ	\$45.11
2	Sideoats Grama, Vaughn 16670	SHIP	34.7 PLS	\$8.50 .	/PLS	\$294.95
3	Blue Grama, Not Stated	SHIP	34.7 PLS	\$8.00	/PLS	\$277.60
4	Freight	SHIP	0.000 lbs	\$77.490	Лb	\$77.49

Total Lines: Sales Taxes:

\$695.15 \$3.41

Invoice Total:

\$698.56

Thanks for the order! **Custom Seed Mix**

Please Package in 2 bags at 17.67lbs each and label bags as Site #3

Please Packabe 3 bags at 25.57lbs each and label bags Site # NDS-DB

Please package 2 bags at 28.56lbs and label each bags Site #NDS-East Area

CLOVIS. NM 88101 (505) 762-4759 Sale

CURTIS AND CURTIS

MID:542929802519702 TID: 466307

14:26:37

Batch #: 68 MASTERCARD

11/22/10

XXXXXXXXXXXXX6213N

Appr Code: 01589Z

Inv#: 000001

Total:

\$ 698.56

I agree to pay above total? amount according to card issuer agreement (Merchant agreement if creditovoucher)

A finance charge of 1.5% per month will be charged for accounts not paid wi

We specialize in Investments that Grow.



Remediation and Site Restoration Protocol Jay-Isramco State NBF 1RP 10-6-2567

1.0 Purpose

This protocol is to provide a detailed outline of the steps to be employed in the remediation of a brine and hydrocarbon affected area in Lea County, New Mexico.

2.0 Scope

This protocol is site specific for the above project.

3.0 Preliminary

Prior to any field operations, Whole Earth Environmental shall conduct the following activities:

3.1 Client Review

- 3.1.1 Whole Earth shall meet with appointed personnel within Jay-Isramco to review this protocol and make any requested modifications or alterations.
- 3.1.2 Changes to this protocol will be documented and submitted for final review by Jay-Isramco prior to the initiation of actual fieldwork.
- 3.1.3 Upon client approval, this protocol and supporting documentation will be submitted to the Hobbs district of the NMOCD for approval.

4.0 Safety

- 4.1 Prior to work on the site, Whole Earth shall obtain the location and phone numbers of the nearest emergency medical treatment facility. We will review all safety related issues with the appropriate jay-Isramco personnel, subcontractors and exchange phone numbers.
- 4.2 A tailgate safety meeting shall be held and documented each day. All subcontractors must attend and sign the daily log-in sheet.
- 4.3 Anyone allowed on to location must be wearing sleeved shirts, steel toed boots, and long pants. Each vehicle must be equipped with two way communication capabilities.

5.0 Remediation Procedure

- **5.1** The areas not related to the recent brine spill or leaking tank issues will be electromagnetically surveyed to determine the comparative conductivity / resistivity of the soils. Bare spots (such as over the reserve pit) will be tested for the presence and concentrations of chlorides.
- 5.2 All soils containing chloride concentrations that are not protective of groundwater shall be excavated and sent to commercial disposal.
 - 5.3 The areas beneath the tanks shall be excavated to the depth necessary to achieve PID concentrations less than 100 ppm. Confirmation samples of the bottom of the excavation will be sent to Cardinal Laboratories for analysis of TPH, BTEX and chlorides. The bottom of the excavation will be cored to a minimum depth of 40' below ground surface and inoculated with microbes. The backfilled soils shall meet the concentrations specified within the NMOCD Assessment Criteria.

6.0 Site Restoration Procedure

6.1 Once all contaminants of concern are remediated to the NMOCD Assessment Criteria guidelines, the area will be superficially disked or tilled and covered in fresh topsoils, organics and NMSLO approved seed mixtures. The area will be re-contoured to replicate background elevations.

7.0 Closure Report

At the conclusion of the project, Whole Earth shall prepare a closure report which contains the following minimum information:

- Photographs of the location prior to remediation
- Photographs of all excavations at the point of maximum soil removal
- Photographs of the location at time of final closure
- All pre-closure contaminant concentrations
- Copies of this protocol and all testing procedures
- Manifests of all materials sent to commercial disposal
- Tags from the NMSLO approved seed bags

Summary of Excavation Soil Sample Analytical Results Isramco NBF ST. #1 TANK BATTERY 1RP-10-6-2567

Soil Sample ID.	Depth (Feet)	Sample Date	Soil Status	PID Reading (ppm)	Field Chloride Analysis (ppm)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethyl- benzene (mg/Kg)	Total Xylenes (mg/Kg)	GRO (C6-C10) (mg/Kg)	DRO (C10-C28) (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
tank pad H19590-1	0>3"	3/31/2010	hand auger	N/A	N/A	<0.050	<0.050	0.123	<0.300	N/A	N/A	13,000	96
NBF tank	5'			1255	470			11 - 5-5-7 - 1	San E.	più the t			1 1/2 2 1/2
B1	10'			2518	341				7.17			The second second	100
H19950-1 &	15'			2088	255			10.7		To have a second	and the second	23 05	
2	20']	bored, bit	2221	463	<0.050	< 0.050	0.187	2.04	222	2,220		560
2	25'	5/20/10	returns	3580	646				Maria Maria		Company of the Compan		736
NBF Leak	5'		1 Gtullis	10.6	2853								
Source B2	10'			22	876								
H19950-	15'			0	269	<0.050	< 0.050	<0.050	<0.050	<10.0	13		192
4&5	20']		23.3	280	三十二章					事 新美		256
NBF Leak	Surface		bored, bit	0	13,972	自一樣。實		16 . 27	A S	The Park			The state of the s
B3 H19950-	5'		1 ′	0	1479		() 图 例	\$ A	10.4				
3	10'	3/21/10	returns	0	734	< 0.050	< 0.050	< 0.050	0.342	<10.0	13		608
3	11']	V	very hard rock or caliche, bored @ 11' for 1hr and unable to penetrate, bit refusal sample not retrievable									
NBF Leak B4	2'	5/21/10	very hard	rock or cal	iche, bored			ed only 1', ute and retrie		-	ole. Will set u	ıp contracto	or and use
NBF Leak B4 H20029-	5'bgs	5/31/10	excavated	2.3	276	<0.050	<0.050	<0.050	<0.300	<10.0	<10.0		336
1&2	6'bgs	3/31/10	backhoe	3.1	139	<0.050	<0.050	<0.050	<0.300	<10.0	<10.0		144
NBF TB	N. wall			250		<0.050	1.91	2.35	20.2	1150	4530		16
Excavation	S. wall	(/22/10		0.1						<10.0	333		192 .
37'e/w x 87'n/s H20183-	E. wall	6/22/10	in-situ	150		<0.050	<0.051	0.239	2.69	132	2660		1150
1,2,3,4	W. wall			0.4						<10.0	<10.0		592

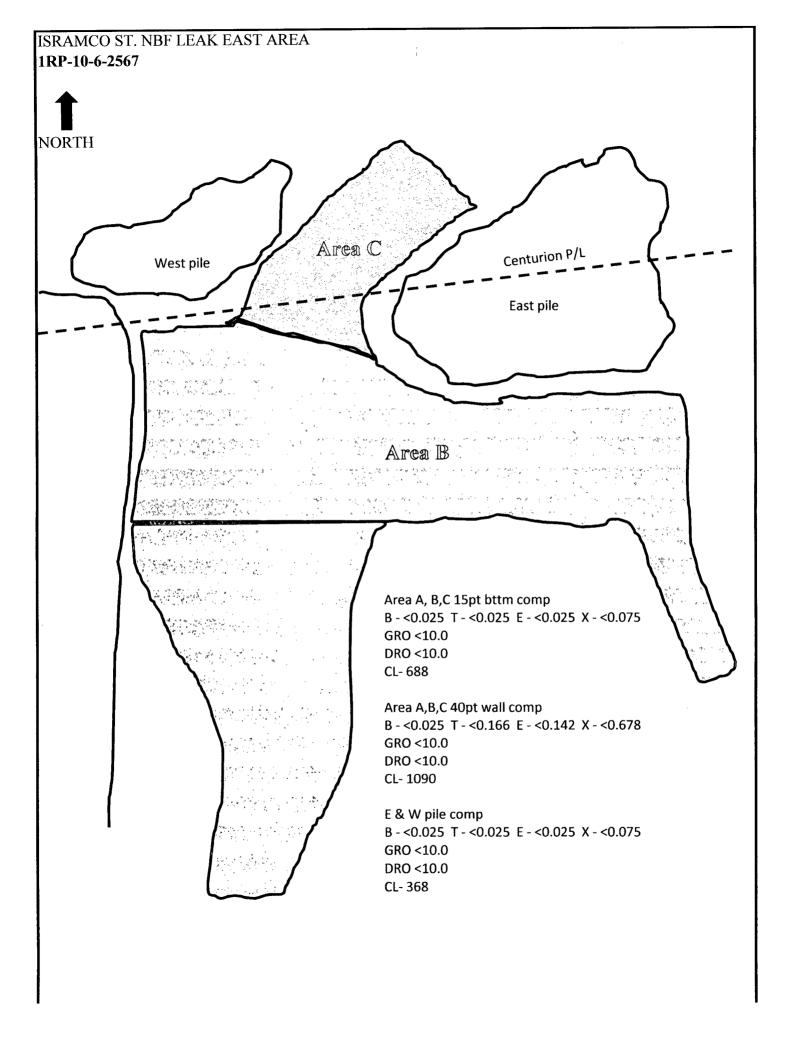
Soil Sample ID.	Depth (Feet)	Sample Date	Soil Status	PID Reading (ppm)	Field Chloride Analysis (ppm)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethyl- benzene (mg/Kg)	Total Xylenes (mg/Kg)	GRO (C6-C10) (mg/Kg)	DRO (C10-C28) (mg/Kg)	(mg/Kg)	Chloride (mg/Kg)
NBF TB Excavation	N. wall 5 pt.			550		<0.050	1.91	2.35	20.2	1150	4530		16
42'e/w x 90'n/s	S. wall 5 pt comp	6/22/2010	excavated	9.0	N/A			Section of the sectio		<10.0	333		192
H20183- 1,2,3,4	E. wall 5pt comp			150		<0.050	<0.050	0.2398	2.69	132	2660		1150
1,2,5,7	W. wall 5pt comp			1.0						<10.0	<10.0		592
	B1 23'			2199	65	<0.050	1.07	0.546	6.99			A STATE OF THE STA	48
Tank	B1 28'	8/3/2010 hole size 86'L x 42'W x 18'bgs		2595	82			\$4 £4	77" 45" 42" 3.0"			Barrier Branch	
	B1 33'			2648	133	in the second		* 30			医 數 熟		
Battery	B2 23'			47.7	69					***			32
Excavation	B2 28'		bored, bit returns	20.6	132						3 7 3		946
Bore #1,2,3	B2 33'			8.7	90		دو د دراند کامای د ځامنس م			11 14			
& 4	B3 23'			1592	66	<0.050	0.232	0.145	1.22			11.	16
H020581-01,	B3 28'			528	67							440	
02,03,	B3 33'			N/A	69				**************************************			the second	
	B4 23'			19.7	70								
	B4 28'			9.6	104							egn frie	
	B4 33'			7.7	321			7				Age of the	*
	B5 23'			2353	81	< 0.050	1.78	0.832	12.4	,	9		<16
Tank	B5 28'			632	54		- 3						
Battery	B5 33'			708	199							The state of the s	
Excavation	B6 23'			1275	60	< 0.050	0.726	0.274	5.54	2.		d.	16
Bore #5,6 &	B6 28'	8/4/2010		973	132								
7	B6 33'	hole size		735	182								** AND C C PRIVATE AL
H020581-04,	B7 23'	86'L x	bored, bit	26.1	49	V 8		46. 969	聚 凝.				
05	B7 28'	42'W x	returns	51.6	103		in the second	¥ \$1				5.00 TO	1
	B7 33'			13.8	76				13 33	\$ \frac{1}{2}			
Comp. of Bore #1,2,3,5,&6 @ 23'bgs H020581-06	23'	18'bgs				<0.050	0.566	0.284	4.51	1340	4890		32

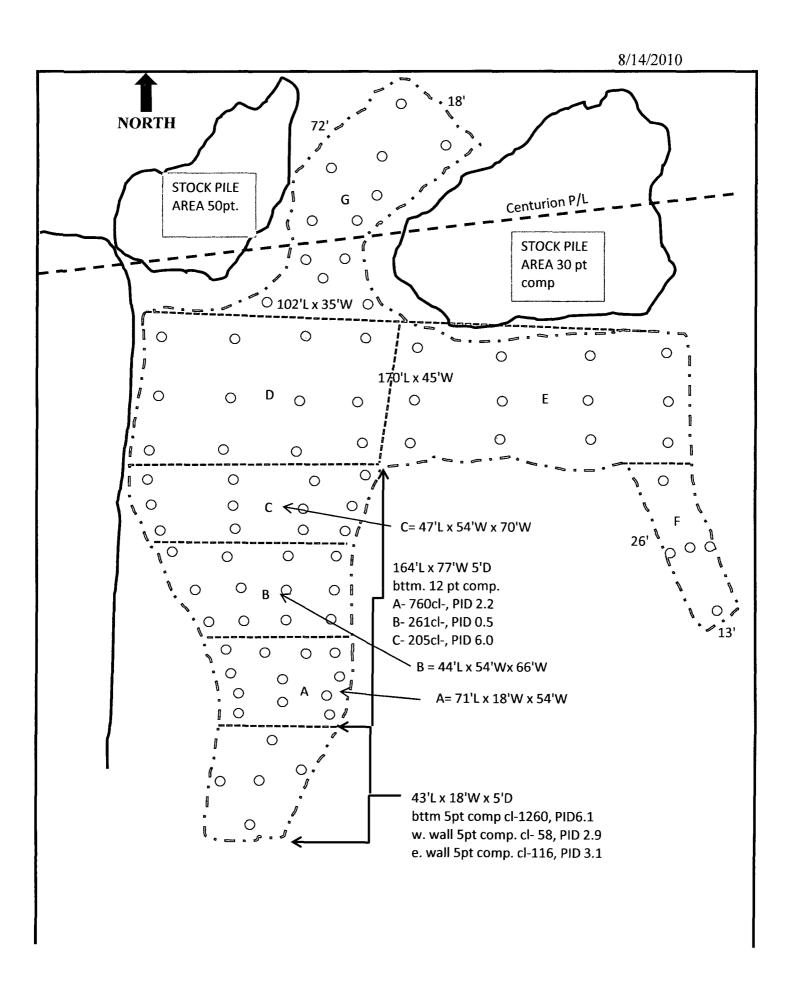
Soil Sample ID.	Depth (Feet)	Sample Date	Soil Status	PID Reading (ppm)	Field Chloride Analysis (ppm)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethyl- benzene (mg/Kg)	Total Xylenes (mg/Kg)	GRO (C6-C10) (mg/Kg)	DRO (C10-C28) (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)	
East leak	E. stockpile 30 pt comp		excavated and blended							<10.0	<10.0		288	
	W. stockpile 50 pt comp		excavated and blended			The second secon				<10.0	<10.0		816	
area samples H020645-1,	area 43' x 26'w x 5'bgs	8/11/10	bttm 5pt comp insitu	6.1	1260									
2,3 & 4	e. wall 5pt comp		t	5pt wall comp insitu	3.1	116								
	w. wall 5pt comp		5pt wall comp insitu	2.9	58									
	2 wall 10 pt comp		comp	2.2	132					<10.0	<10.0		80	
	Bottom 82 pt comp		comp insitu							<10.0	<10.0		656	

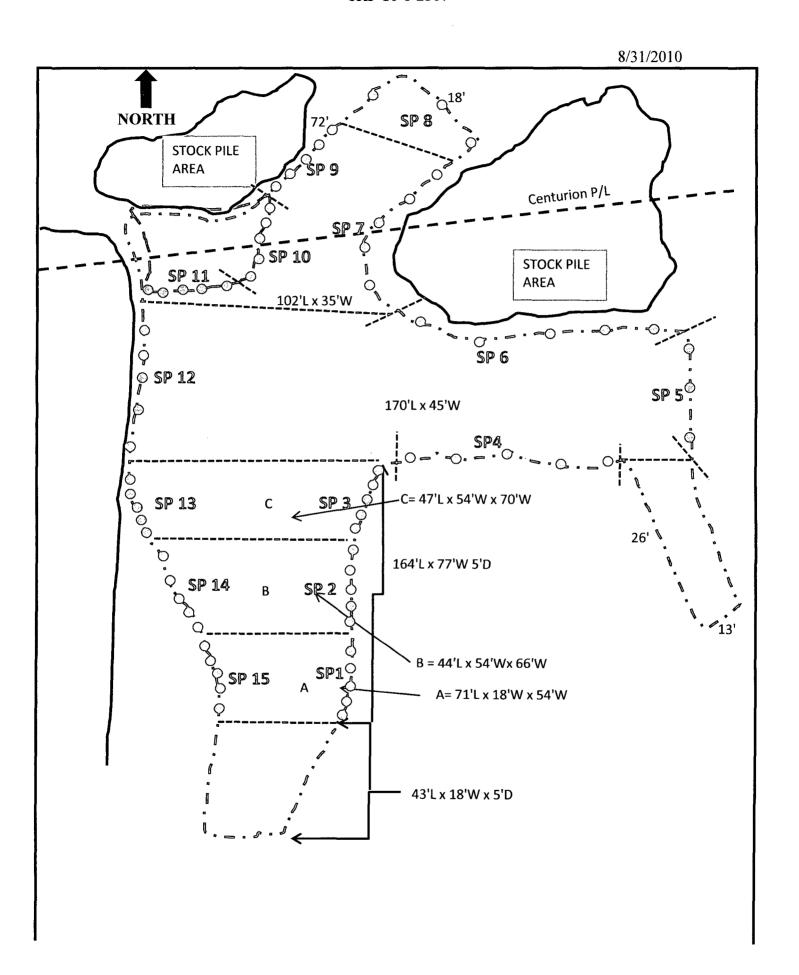
Soil Sample ID.	Depth (Feet)	Sample Date	Soil Status	PID Reading (ppm)	Field Chloride Analysis (ppm)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethyl- benzene (mg/Kg)	Total Xylenes (mg/Kg)	GRO (C6-C10) (mg/Kg)	DRO (C10-C28) (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)		
Tank Batt. Excavation test bore 1 after injection of bugs H020842- 1,2 & 3	18'>23'			1049		0.081	0.264	0.232	2.48	198	1620		32		
	23'>28'	9/11/10	9/11/10 bore returns	1185		<0.025	0.156	0.123	1.13	150	1430		32		
	28'>33'			782		<0.025	0.054	0.036	0.412	76.1	1230		80		
	e. pile comp												224		
	w. pile						3						608		
	area C bttm 5pt comp												1200		
	area C e. wall 5pt comp												560		
East area final samples	area C w. wall 5pt comp	10/7/10	in-situ						i dia				1090		
H021021- 1,2,3,4,5,6,7	area B bttm 5pt comp												800		
,8 & 9	area B n. wall 5pt comp													2280	
	area B s. wall 5pt comp														
	area B e. wall 5pg comp						1						176		

Soil Sample ID.	Depth (Feet)	Sample Date	Soil Status	PID Reading (ppm)	Field Chloride Analysis (ppm)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethyl- benzene (mg/Kg)	Total Xylenes (mg/Kg)	GRO (C6-C10) (mg/Kg)	DRO (C10-C28) (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
	area B w. wall 5pt comp												1870
	area A bttm 5pt comp												80
East area final	area A e. wall 5pt comp					188 E. S.							672
samples H021021- 10,11,12,13,	area A w. wall 5pt comp	10/7/10	in-situ										768
14,15, & 16	area A ,B,C wall 15pt comp					<0.025	<0.025	<0.025	<0.075	<10.0	<10.0		688
	area A,B,C bttm 40pt comp					<0.025	0.116	0.142	0.678	<10.0	<10.0		1090
	stockpile e. & w					<0.025	<0.025	<0.025	<0.075	<10.0	<10.0		368
	n. wall 10 pt comp					<0.050	<0.050	<0.050	<0.150	<10.0	<10.0		1360
	s. wall 10 pt comp		Initial			<0.050	<0.050	<0.050	<0.150	<10.0	<10.0		1410
	e. wall 10 pt comp		leak area			<0.050	<0.050	<0.050	<0.150	<10.0	<10.0		2440
H021082- 1,2,3,4,5,6,7	4 wall 40 pt comp	10/14/10	source excavatio n fianl			<0.050	<0.050	<0.050	<0.150	<10.0	<10.0		1440
	bottom 20 pt comp		samples in-situ			<0.050	<0.050	<0.050	<0.150	<10.0	<10.0		1360
	area I bttm 5pt comp		111-511.0			<0.050	<0.050	<0.050	<0.150	<10.0	<10.0		1810
	area II bttm 5pt comp					<0.050	<0.050	<0.050	<0.150	<10.0	<10.0		1330

Soil Sample ID.	Depth (Feet)	Sample Date	Soil Status	PID Reading (ppm)	Field Chloride Analysis (ppm)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethyl- benzene (mg/Kg)	Total Xylenes (mg/Kg)	GRO (C6-C10) (mg/Kg)	DRO (C10-C28) (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
H021282-8	area III 5pt comp	10/14/10	initial leak area source excavtion			<0.050	<0.050	<0.050	<0.150	<10.0	<10.0		624
& 9	area IV 5pt comp	10/14/10	final samoles in-situ			<0.050	<0.050	<0.050	<0.150	<10.0	<10.0		2000
H021089-1	comp of excavated material from Tank battery excavation & Leak area	10/18/10	excavated and blended			<0.050	<0.050	<0.050	<0.150	<10.0	60.4		944
H021187-1	Test Bore prior to Liner installation	10/28/10	bored, bit returns			<0.050	<0.050	<0.050	<0.150	<10.0	11.9		112









October 12, 2010

ROY R. RASCON

WHOLE EARTH ENVIRONMENTAL, INC.

2103 ARBOR COVE

KATY, TX 77494

RE: ISRAMCO ST. NBF LEAK EAST AREA

Enclosed are the results of analyses for samples received by the laboratory on 10/08/10 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,

Celey D. Keene

Lab Director/Quality Manager



WHOLE EARTH ENVIRONMENTAL, INC. ROY R. RASCON 2103 ARBOR COVE KATY TX, 77494

Fax To:

(281) 394-2051

Received:

10/08/2010

Sampling Date:

10/07/2010

Reported:

10/12/2010

Sampling Type:

Soil

Project Name:

ISRAMCO ST. NBF LEAK EAST AREA

Sampling Condition:

Cool & Intact

Project Number:

NOT GIVEN

Sample Received By:

Jodi Henson

Project Location:

TATUM, NM

Sample ID: E. PILE COMP. (H021020-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	10/11/2010	ND	416	104	400	0.00	
Sample ID: W. PILE COM	P. (H021020-0	02)							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
hloride 608 16.0 10/11/2010					416	104	400	0.00	
Sample ID: AREA C BTTM	5 PT COMP (F	1021020-03)							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	10/11/2010	ND	416	104	400	0.00	
Sample ID: AREA C E. WA	ALL 5 PT COMP	(H021020-04)						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	10/11/2010	ND	416	104	400	0.00	
Sample ID: AREA C W. W	ALL 5 PT COM	P (H021020-05	5)						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	10/11/2010	ND	416	104	400	0.00	

Cardinal Laboratories

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WHOLE EARTH ENVIRONMENTAL, INC. ROY R. RASCON 2103 ARBOR COVE KATY TX, 77494

Fax To:

(281) 394-2051

Analyzed By: HM

Received:

10/08/2010

Sampling Date:

10/07/2010

Reported:

Chloride, SM4500Cl-B

10/12/2010

Sampling Type:

Soil

Project Name:

ISRAMCO ST. NBF LEAK EAST AREA

Sampling Condition:

Cool & Intact

Project Name: Project Number:

NOT GIVEN

Sample Received By:

Jodi Henson

Project Location:

TATUM, NM

mg/kg

Sample ID: AREA B BTTM 5 PT COMP (H021020-06)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	10/11/2010	ND	416	104	400	0.00	
Sample ID: AREA B N. W	ALL 5 PT COM	P (H021020-07)						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	10/11/2010	ND	416	104	400	0.00	
Sample ID: AREA B S. W	ALL 5 PT COME	P (H021020-08))						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/11/2010	ND	416	104	400	0.00	
Sample ID: AREA B E. W	ALL 5 PT COMF	(H021020-09))						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		44.0	10/11/2010	ND	416	104	400	0.00	
	176	16.0	10/11/2010	ND	710	201	100	0.00	
Sample ID: AREA B W. W			, ,	ND	410	101		0.00	
•	ALL 5 PT COM)	d By: HM	410			0.00	
Sample ID: AREA B W. W Chloride, SM4500CI-B Analyte	ALL 5 PT COM	P (H021020-10)		BS	% Recovery	True Value QC	RPD	Qualifier

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WHOLE EARTH ENVIRONMENTAL, INC. ROY R. RASCON 2103 ARBOR COVE KATY TX, 77494

Fax To:

(281) 394-2051

Received:

10/08/2010

Sampling Date:

10/07/2010

Reported:

10/12/2010

Sampling Type:

Soil

Project Name:

ISRAMCO ST. NBF LEAK EAST AREA

Sampling Condition:

Cool & Intact

Project Number:

NOT GIVEN

Sample Received By:

Jodi Henson

Project Location:

TATUM, NM

Sample ID: AREA A BTTM 5 PT COMP (H021020-11)

Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/11/2010	ND	416	104	400	0.00	
Sample ID: AREA A E. W	ALL 5 PT COMF	P (H021020-12)						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM				,	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	10/11/2010	ND	416	104	400	0.00	
Sample ID: AREA A W. W	ALL 5 PT COM	P (H021020-13	3)						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	10/11/2010	ND	432	108	400	3.77	

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WHOLE EARTH ENVIRONMENTAL, INC. ROY R. RASCON 2103 ARBOR COVE KATY TX, 77494

Fax To:

(281) 394-2051

Received:

10/08/2010

Sampling Date:

10/07/2010

Reported:

Sampling Type:

Soil

Project Name:

10/12/2010 ISRAMCO ST. NBF LEAK EAST AREA

Sampling Condition:

Cool & Intact

Project Number:

NOT GIVEN

Sample Received By:

Jodi Henson

Project Location:

TATUM, NM

Sample ID: AREA A, B, C, WALL 15 PT COMP (H021020-14)

BTEX 8021B	mg/	kg	Analyze	d By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/11/2010	ND	2.16	108	2.00		
Toluene*	<0.025	0.025	10/11/2010	ND	2.14	107	2.00		
Ethylbenzene*	<0.025	0.025	10/11/2010	ND	2.20	110	2.00		
Total Xylenes*	<0.075	0.075	10/11/2010	ND	6.38	106	6.00		
Surrogate: 4-Bromofluorobenzene (PIL	97.2	% 80-120		,					, "
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	10/11/2010	ND	432	108	400	3.77	
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	10/11/2010	ND	171	85.5	200	3.50	
DRO >C10-C28	<10.0	10.0	10/11/2010	ND	219	109	200	5.45	
Surrogate: 1-Chlorooctane	94.9	% 70-130)						
Surrogate: 1-Chlorooctadecane	113 9	% 70-130	1						

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WHOLE EARTH ENVIRONMENTAL, INC. ROY R. RASCON 2103 ARBOR COVE KATY TX, 77494

Fax To:

(281) 394-2051

Received:

10/08/2010

Sampling Date:

10/07/2010

Reported:

10/12/2010

Sampling Type:

Soil

Project Name:

ISRAMCO ST. NBF LEAK EAST AREA

Sampling Condition:

Cool & Intact

Project Number:

NOT GIVEN

Sample Received By:

Jodi Henson

Project Location:

TATUM, NM

Sample ID: ARERA A, B, C, BTTM 40 PT COMP (H021020-15)

BTEX 8021B	mg/	kg	Analyze	d By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/11/2010	ND	2.16	108	2.00		
Toluene*	0.116	0.025	10/11/2010	ND	2.14	107	2.00		
Ethylbenzene*	0.142	0.025	10/11/2010	ND	2.20	110	2.00		
Total Xylenes*	0.678	0.075	10/11/2010	ND	6.38	106	6.00		
Surrogate: 4-Bromofluorobenzene (PIL	105	% 80-120)					·	
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	10/11/2010	ND	432	108	400	3.77	
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	10/11/2010	ND	171	85.5	200	3.50	
DRO >C10-C28	<10.0	10.0	10/11/2010	ND	219	109	200	5.45	
Surrogate: 1-Chlorooctane	97.2	% 70-130)	-					
Surrogate: 1-Chlorooctadecane	107	% 70-130	ı						

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WHOLE EARTH ENVIRONMENTAL, INC. ROY R. RASCON 2103 ARBOR COVE **KATY TX, 77494**

Fax To:

(281) 394-2051

Received:

10/08/2010

Sampling Date:

10/07/2010

Reported:

Sampling Type:

Soil

10/12/2010

Cool & Intact

Project Name:

ISRAMCO ST. NBF LEAK EAST AREA

Sampling Condition: Sample Received By:

Jodi Henson

Project Number:

NOT GIVEN

Project Location:

TATUM, NM

Sample ID: STOCKPILE E. & W. COMP (H021020-16)

BTEX 8021B	mg/	kg	Analyze	d By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.025	0.025	10/11/2010	ND	2.16	108	2.00		
Toluene*	<0.025	0.025	10/11/2010	ND	2.14	107	2.00		
Ethylbenzene*	<0.025	0.025	10/11/2010	ND	2.20	110	2.00		
Total Xylenes*	<0.075 0.075		10/11/2010	ND	6.38	106	6.00		
Surrogate: 4-Bromofluorobenzene (PIL	100 9	% 80-120							
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	10/11/2010	ND	432	108	400	3.77	
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	10/11/2010	ND	171	85.5	200	3.50	
DRO >C10-C28	<10.0	10.0	10/11/2010	ND	219	109	200	5.45	
Surrogate: 1-Chlorooctane	98.0	% 70-130							
Surrogate: 1-Chlorooctadecane	1199	% 70-130							

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

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8

REMARKS: PLEASE E-MAIL TO: royr, mikeg, elliotw, & mcgriffin@vadose.us



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

2111 Beechwood, Abilene, TX 79603 101 East Mariand, Hobbs, NM 88240 (325) 673-7001 FAX (325)673-7020 (505) 393-2326 FAX (505) 393-2476

Company Name:	WHOLE EARTH	WHOLE EARTH ENVIRONMENTAL INC.									BILL	TO	1				A	NAL	rsis i	REQUI	EST					
Project Manager:	ROY	R. RA	SCON						P.O. #	:																
Address									Comp	any:								1						1		,
	State:								Attn:															1		. 1
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Duningt Orangen	**************************************								City:												- 1			1 1		1 1
Project Name:	Isramco St. N	BF Le	ak E.	Area	*********		***		State:		Zij):										'			i l	
Project Location:	TA	TUM,	NM		,				Phone	#;		-						. 1				'				,]
Sampler Name:		R. Rasc					**		Fax#:	:	*******											1				
		Т.			N	IATRI	X			PRES	ERV.		SAMP	LING								'				
FOR LAB USE ONLY LAB ID #	SAMPLE I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	отнек:	ACID/BASE:	ICE / COOL	OTHER:	DATE	ТІМЕ	CATS & ANS	НА	BTEX	CI~	TPH 418.1	8015M						
H210201	E. Pile comp	С	1			X					X		10/7/10	500				Х								
r	W. Pile comp	C	1			X					X		10/7/10	515				X								
.3	Area C bttm 5pt comp	C	1			X					X		10/7/10	438				X			<u> </u>				<u> </u>	
'Ef	Area C e. wall 5pt comp	C	1	<u> </u>	<u> </u>	X		ļ			X		10/7/10	450				X		<u> </u>	<u> </u>	$oxed{igspace}$		<u> </u>	<u> </u>	
.5	Area C w. wall 5pt comp	C	1			X			<u> </u>	<u> </u>	X	ļ	10/7/10	445				X		<u> </u>	<u> </u>	↓		↓	<u> </u>	
62	Area B bttm 5pt comp	C	1	<u> </u>		X			<u> </u>	L	X	ļ	10/7/10	101				X		<u> </u>		<u>↓</u>		↓		
1	Area B n. wall 5pt comp	C	<u> </u>	<u> </u>	<u> </u>	X		<u> </u>			X	<u> </u>	10/7/10	421			<u> </u>	X		ļ	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
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9	Area B e. wall 5pt comp	C	1	<u> </u>	<u> </u>	X		<u> </u>	<u> </u>		X	ļ	10/7/10	406	ļ	ļ	<u> </u>	X	ļ	↓	 	ـــــ	4	↓	ļ	ļ'
(D)	Area B w. wall 5pt comp	<u> c</u>	1	<u> </u>	<u> </u>	X	<u> </u>	<u>L</u>	<u> </u>	<u> </u>	X	L	10/7/10	416	ــــــــــــــــــــــــــــــــــــــ	L	<u> </u>	X	<u>L</u>	<u>L</u>	Ļ		ــبـــ	<u> </u>	<u></u>	<u></u>
analyses. All clain service. In no ever affiliates or succes	Liability and Damages. Cardinal's lia is including those for negligence and a nt shall Cardinal be liable for incidenta ssors arising out of or related to the per ELLIOT WERNER Date: Date:	iny oth I or cor forman	er cau nseque	se wha ental d service	aisoeve amage	er shall s. incl	be de	emed withou	waive at limi	d unles tation.	s mad busin	le in w ess int	riting and i erruptions.	eceived by loss of use	Card c. or lo on any sult:	inal w ss of r of the Yo	ithin 3 profits above s	0 davs incurre stated No	after ed by o reaso [Add*]	comple client, ns or c	etion o its sub otherwi e #:	of the a osidiari ise,	ipplical			

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

#26

CHECKED BY:



2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240

(325) 673-7001 FAX (325)673-7020 (505) 393-2326 FA
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Company Name:	WHOLE EARTH ENVIRONMENTAL INC.									r (1	BILL	ro 😥					A	NALY	YSIS F	REQUI	EST				
Project Manager:	ROY	R. RA	SCON						P.O. #															1		
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City:	State:		Zip:						Attn:								l							- 1	- 1	
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		E.			M	ATRI	X			PRES	ERV.		SAMP	LING				- 1						ı	- 1	
FOR LAB USE ONLY LAB ID #	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	отнек :	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	CATS & ANS	и	втех	CL	TPH 418.1	8015M						
H21020-11	Area A bitin 5pt comp	С	1			Х					X		10/7/10	332				X								
12	Area A e. wall 5pt comp	С	1			X					X		10/7/10	345				X								
13	Area A w. wall 5pt comp	С	1			X					X		10/7/10	340				X								
, t.[Area A,B,C, wall 15pt comp	C	1			X					X		10/7/10	545			X	X		X						
15	Area A,B,C, bttm 40pt comp	C	1			X					X		10/7/10	615			X	X		X						
160	Stockpile E. & W. comp	C	1			X	<u> </u>				X		10/7/10	645			X	X		X			<u> </u>			
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armates of successors arising our of or re	elated to the performance of services hereunder by Carumai, regard	less of whether such claim is	based upon any of the above stated reasons of otherwise.
Relinquished By: Roy R. Rascon	Date: - g- (C) Received By:		Phone Result: "Yes "No Add'l Phone #:
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Jan & Killian	Time:		
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	Time 45 CHOCK MENDON	man, sate A	* -
Delivered By: (Circle One)	/ Sample Condition	CHECKED BY:	elliotw, & mcgriffin@vadose.us
Secretary Control of the Control of	Cool Intact	/(Initials)	
Sampler - UPS - Bus - Other:	Yes		
\	No No	Carrie grant Got I	<u> </u>

#26

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September 21, 2010

ROY R. RASCON

WHOLE EARTH ENVIRONMENTAL, INC.

2103 ARBOR COVE

KATY, TX 77494

RE: ISRAMCO NBF

Enclosed are the results of analyses for samples received by the laboratory on 09/14/10 9:50.

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.

Celey D. Keene

Lab Director/Quality Manager



WHOLE EARTH ENVIRONMENTAL, INC. ROY R. RASCON 2103 ARBOR COVE KATY TX, 77494

Fax To:

(281) 394-2051

Received: Reported: 09/14/2010

Reported: Project Name: 09/21/2010 ISRAMCO NBF NOT GIVEN

Project Number: Project Location:

TATUM, NM

Sampling Date:

09/11/2010

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: TB #1 18'>23' BGS COMP. (H020842-01)

BTEX 8021B	mg/	/kg	Analyze	d By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.081	0.025	09/20/2010	ND	1.02	102	1.00	3.57	
Toluene*	0.264	0.025	09/20/2010	ND	1.12	112	1.00	4.42	
Ethylbenzene*	0.232	0.025	09/20/2010	ND	1.13	113	1.00	2.83	
Total Xylenes*	2.48	0.075	09/20/2010	ND	3.36	112	3.00	3.77	
Surrogate: 4-Bromofluorobenzene (PIL	117	% 80-120)				-		
Chloride, SM4500CI-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	09/15/2010	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: AB					A-01
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	198	10.0	09/17/2010	ND	159	79.5	200	1.65	
DRO >C10-C28	1620	10.0	09/17/2010	ND	166	82.9	200	1.18	
Surrogate: 1-Chlorooctane	123	% 70-130)						
Surrogate: 1-Chlorooctadecane	64.3	% 70-130)						

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WHOLE EARTH ENVIRONMENTAL, INC. ROY R. RASCON 2103 ARBOR COVE KATY TX, 77494

Fax To:

(281) 394-2051

Received: Reported: 09/14/2010

09/21/2010

ISRAMCO NBF

Project Number: Project Location:

Project Name:

TATUM, NM

Sampling Date:

09/11/2010

Sampling Type:

Soil Cool & Intact

Sampling Condition: Sample Received By:

Jodi Henson

Sample ID: TB #1 23'>28' BGS COMP. (H020842-02)

BTEX 8021B	mg,	/kg	Analyze	d By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/20/2010	ND	1.02	102	1.00	3.57	
Toluene*	0.156	0.025	09/20/2010	ND	1.12	112	1.00	4.42	
Ethylbenzene*	0.123	0.025	09/20/2010	ND	1.13	113	1.00	2.83	
Total Xylenes*	1.13	0.075	09/20/2010	ND	3.36	112	3.00	3.77	
Surrogate: 4-Bromofluorobenzene (PIL	111	% 80-120							
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	09/15/2010	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: AB					A-01
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	150	10.0	09/17/2010	ND	159	79.5	200	1.65	
DRO >C10-C28	1430	10.0	09/17/2010	ND	166	82.9	200	1.18	
Surrogate: 1-Chlorooctane	115	% 70-130	1						
Surrogate: 1-Chlorooctadecane	63.8	% 70-130)						

Cardinal Laboratories

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WHOLE EARTH ENVIRONMENTAL, INC. ROY R. RASCON 2103 ARBOR COVE KATY TX, 77494

Fax To:

(281) 394-2051

Received:

09/14/2010

Sampling Date:

09/11/2010

Reported:

09/21/2010

Sampling Type:

Soil

Project Name:

ISRAMCO NBF

Sampling Condition:

Cool & Intact

Project Number:

NOT GIVEN

Sample Received By:

Jodi Henson

Project Location:

TATUM, NM

Sample ID: TB #1 28'>33' BGS COMP. (H020842-03)

BTEX 8021B	mg,	/kg	Analyze	d By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/20/2010	ND	1.02	102	1.00	3.57	
Toluene*	0.054	0.025	09/20/2010	ND	1.12	112	1.00	4.42	
Ethylbenzene*	0.036	0.025	09/20/2010	ND	1.13	113	1.00	2.83	
Total Xylenes*	0.412	0.075	09/20/2010	ND	3.36	112	3.00	3.77	
Surrogate: 4-Bromofluorobenzene (PIL	108	% 80-120)					·	
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/15/2010	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: AB					A-01
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	76.1	10.0	09/17/2010	ND	159	79.5	200	1.65	
DRO >C10-C28	1230	10.0	09/17/2010	ND	166	82.9	200	1.18	
Surrogate: 1-Chlorooctane	102	% 70-130)						
Surrogate: 1-Chlorooctadecane	66.3	% 70-130)						

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Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

A-01 Surrogate outside historical limits.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

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2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240 (325) 673-7001 FAX (325)673-7020 (505) 393-2326 FAX (505) 393-2476

Company Name:	WHOLE EARTH	ENVIE	RONM	ENTA	LINC	•						BILL	TO .						NAL	YSIS I	LEQU	EST				
Project Manager:	ROY	R. RA	SCON					11	P.O. #	:	-															
Address:						- 457			Comp	any:														- 1		
City:	State:		Zip:		,				Attn:													'		1		
Phone #:	Fax #:								Addre	2551																
Project Owner:									City:															1		
Project Name:	ISRAMCO NBE	TAN	K CLE	AN U	Р				State:		Ziį);						·								
						., .			Phone	#;																
Sampler Name:	ROY R								Fax#							•			Ì]		1				
FOR LAB USE ONLY LAB ID#	SAMPLE LD.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	TIOS	X.	SLUDGE	OTHER:	ACID/BASE: 34	10007/30	OTHER:	SAME	TIME	CATS & ANS	ЬН	BTEX	CL	TPH 418.1	8015NI						
H20842-1	TB #1 18'>23'BGS COMP.	С	1			X					X		9/11/10	1005			X	X		X	ļ	1				
2	TB #1 23'>28'BGS COMP.	С	1			X					X		9/11/10	1043			X	Х		х						
3	TB #1 28'>33'BGS COMP.	С	1			X					X		9/11/10	1150			X	X		X						
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Sampler - UPS -	Bus - Other:	writte	a chon	3	505 20	Yes No.		► Yes No	-		- 6													·		

#26

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



August 18, 2010

ROY R. RASCON

WHOLE EARTH ENVIRONMENTAL, INC.

2103 ARBOR COVE

KATY, TX 77494

RE: ISRAMCO ST. NBF LEAK EAST AREA

Enclosed are the results of analyses for samples received by the laboratory on 08/16/10 8:05.

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,

Celey D. Keene

Lab Director/Quality Manager



WHOLE EARTH ENVIRONMENTAL, INC. ROY R. RASCON 2103 ARBOR COVE KATY TX, 77494

Fax To:

(281) 394-2051

Received:

08/16/2010

Sampling Date:

08/14/2010

Reported:

08/18/2010

Sampling Type:

Soil

Project Name:

ISRAMCO ST. NBF LEAK EAST AREA

Sampling Condition:

Cool & Intact

Project Number:

NOT GIVEN

Sample Received By:

Jodi Henson

Project Location:

TATUM, NM

Sample ID: E. STOCKPILE 30 PT. COMP. (H020645-01)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	08/16/2010	ND	448	112	400	3.64	
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	08/16/2010	ND	168	84.2	200	3.43	
DRO >C10-C28	<10.0	10.0	08/16/2010	ND	167	83.4	200	3.26	
Surrogate: 1-Chlorooctane	95.3	% 70-130							
Surrogate: 1-Chlorooctadecane	106	% 70-130							

Sample ID: W. STOCKPILE 50 PT. COMP. (H020645-02)

Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	08/16/2010	ND	448	112	400	3.64	
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	08/16/2010	ND	168	84.2	200	3.43	
DRO >C10-C28	<10.0	10.0	08/16/2010	ND	167	83.4	200	3.26	
Surrogate: 1-Chlorooctane	94.2	% 70-130							
Surrogate: 1-Chlorooctadecane	104 9	% 70-130							

Cardinal Laboratories

*=Accredited Analyte

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WHOLE EARTH ENVIRONMENTAL, INC. ROY R. RASCON 2103 ARBOR COVE KATY TX, 77494

Fax To:

(281) 394-2051

Received:

08/16/2010

Sampling Date:

08/11/2010

Reported:

Sampling Type:

Soil

Project Name:

08/18/2010 ISRAMCO ST. NBF LEAK EAST AREA

Sampling Condition:

Cool & Intact

Project Number:

NOT GIVEN

Sample Received By:

Jodi Henson

Project Location:

TATUM, NM

Sample ID: AREA 43'L X 26'W 2-WALL COMP. (H020645-03)

Chloride, SM4500Cl-B	mg.	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/16/2010	ND	448	112	400	3.64	
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	08/16/2010	ND	168	84.2	200	3.43	
DRO >C10-C28	<10.0	10.0	08/16/2010	ND	167	83.4	200	3.26	
Surrogate: 1-Chlorooctane	92.8	% 70-130							
Surrogate: 1-Chlorooctadecane	103	% 70-130							

Sample ID: E. AREA BOTTOM 82 PT. COMP. (H020645-04)

Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	08/16/2010	ND	448	112	400	3.64	
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	08/16/2010	ND	168	84.2	200	3.43	
DRO >C10-C28	<10.0	10.0	08/16/2010	ND	167	83.4	200	3.26	
Surrogate: 1-Chlorooctane	95.3	% 70-130							
Surrogate: 1-Chlorooctadecane	107	% 70-130	1						

Cardinal Laboratories

*=Accredited Analyte

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Notes and Definitions

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

Analyte NOT DETECTED at or above the reporting limit

ND

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Insufficient time to reach temperature.

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

Cardinal Laboratories *=Accredited Analyte

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• ARDINAL LABORATÓRIES

2411 Becchwood, Abilene, TX 79603 104 East Marland, Hobbs, NM 88240 (325) 673-7001 FAX (325)673-7020 (505) 393-2326 FAX (505) 393-2476

Company Name:	WHOLE EARTH	ENVIE	ROSM	ENTA	L INC							BILL:	ro					A	NALA	SIS 1	EQU	EST				
Project Manager:	ROX	R. RA	SCON						P.O. #	:																
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City:	State:								Attu:									l								
	Fax #:								Addre	ss:														- 1	1	
Project Owner:									City:									- 1	İ							
Project Name:	JSRAMCO ST. NE								State:		Zij):														
Project Location:									Phon	: #:															- 1	
Sampler Name:	ROY R								Fax#	:												1			1	
					Ŋ	ATRI	X			PRES	ERV.	,	SAMP	LING						,					1	1
FOR LAB USE ONLY LAB ID#	SAMPLE I.D.	(G)RAB OR (CYOMP.	# CONTAINERS	GROUNDWATTER	WASTEWATER	SOIL	OII.	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	CATS & ANS	Hd	BTEX	CL,	TPH 418.1	8015M						
H20645-1	e. stockpile 30pt, comp.	C	1			X					X		8/14/10	135				X		X						
2	w. stockpile 50pt, comp.	C	1			N					X		8/14/10	230				X		X	<u> </u>		<u> -</u>			
3	area 43'L x 26'W 2-wall comp.	C	1		<u> </u>	X	<u> </u>				X		8/11/10	120	<u> </u>			X		X	<u> </u>	ļ	<u> </u>			
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PLEASE SOTE	C: Liability and Damages Cardinal's lia	<u>l</u>	l nd ali	1	L	L	du fo		luim (l wi sinaa	nub att	l van boo	ad in nour	out or fart	chall I	la limi	lad to	the an	L r	aid by	the c	lient fo	or the	l	L	

PLASE NOTE: I inhility and Damages Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount naid by the client for the analyses. All claims including those for necilience and any other cause whatsoever shall be deemed waived 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 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.

Relinquished By: ROY R. RASCON	Date: Received By:	Phone Result: Yes No Add'l Phone #:
1 1 1	3-76-70.	Fax Result: Yes No Add'l Fax #:
Key K. KASCON	Time:	
Relinquished By:	Date: Received By: //	
	Time: GOdi Menson	REMARKS: PLEASE E-MAIL TO: royr, mikeg,
Delivered By: (Circle One)	Sample Condition CHECKED BY:	elliotw, & mcgriffin@vadose.us
Sampler - PS - Bus - Other:	D-5° littaet (Initials)	

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

#26



August 16, 2010

ROY R. RASCON

WHOLE EARTH ENVIRONMENTAL, INC.

2103 ARBOR COVE

KATY, TX 77494

RE: ISRAMCO ST. NBF BATT. CLEANUP

Enclosed are the results of analyses for samples received by the laboratory on 08/09/10 9:25.

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,

Celey D. Keene

Lab Director/Quality Manager



WHOLE EARTH ENVIRONMENTAL, INC. ROY R. RASCON 2103 ARBOR COVE KATY TX, 77494

Fax To:

(281) 394-2051

Received:

08/09/2010

Sampling Date:

08/03/2010

Reported:

08/16/2010

Sampling Type:

Project Name:

ISRAMCO ST. NBF BATT, CLEANUP

Sampling Condition:

** (See Notes)

Project Number:

NOT GIVEN

Sample Received By:

Jodi Henson

Project Location:

TATUM, NM

Sample ID: BORE # 1 @ 23' BGS (H020581-01)

BTEX 8021B	mg/	kg	Analyze	d By: ZL					1
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2010	ND	0.822	82.2	1.00	7.10	
Toluene*	1.07	0.050	08/11/2010	ND	0.842	84.2	1.00	6.91	
Ethylbenzene*	0.546	0.050	08/11/2010	ND	0.833	83.3	1.00	6.93	
Total Xylenes*	6.99	0.150	08/11/2010	ND	2.66	88.7	3.00	7.12	
Surrogate: 4-Bromofluorobenzene (PIL	91.3 9	% 80-120)						
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	08/09/2010	ND	416	104	400	3.77	
Sample ID: BORE # 2 @ 23' BG	S (H0205	81-02)							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/09/2010	ND	416	104	400	3.77	

Cardinal Laboratories

*=Accredited Analyte

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WHOLE EARTH ENVIRONMENTAL, INC. ROY R. RASCON 2103 ARBOR COVE KATY TX, 77494

Fax To:

(281) 394-2051

Analyzed By: ZL

Received:

08/09/2010

Sampling Date:

08/03/2010

Reported:

BTEX 8021B

08/16/2010

Sampling Type:

Soil

Project Name:

ISRAMCO ST. NBF BATT. CLEANUP

Sampling Condition:

** (See Notes)

Project Number:

NOT GIVEN

Sample Received By:

Jodi Henson

mg/kg

Project Location:

TATUM, NM

Sample ID: BORE # 3 @ 23' BGS (H020581-03)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2010	ND	0.822	82.2	1.00	7.10	
Toluene*	0.232	0.050	08/11/2010	ND	0.842	84.2	1.00	6.91	
Ethylbenzene*	0.145	0.050	08/11/2010	ND	0.833	83.3	1.00	6.93	
Total Xylenes*	1.22	0.150	08/11/2010	ND	2.66	88.7	3.00	7.12	
Surrogate: 4-Bromofluorobenzene (PIL	102	% 80-120)						
Chloride, SM4500CI-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	08/09/2010	ND	416	104	400	3.77	
Sample ID: BORE # 5 @ 23' BG	•	•							
Sample ID: BORE # 5 @ 23' BG	S (H020	581-04)							
BTEX 8021B	mg,	/kg		d By: ZL				·	
•	•	•	Analyze Analyzed	d By: ZL Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
BTEX 8021B	mg,	/kg		-	BS 0.822	% Recovery 82.2	True Value QC 1.00	RPD 7.10	Qualifier
BTEX 8021B Analyte	m g , Result	Reporting Limit	Analyzed	Method Blank		·	•		Qualifier
Analyte Benzene*	Result	Reporting Limit	Analyzed 08/11/2010	Method Blank	0.822	82.2	1.00	7.10	Qualifier
Analyte Benzene* Toluene*	Result <0.050	Reporting Limit 0.050 0.050	Analyzed 08/11/2010 08/11/2010	Method Blank ND ND	0.822 0.842	82.2 84.2	1.00 1.00	7.10 6.91	Qualifier
Analyte Benzene* Toluene* Ethylbenzene*	Result <0.050 1.78 0.832	Reporting Limit 0.050 0.050 0.050 0.150	Analyzed 08/11/2010 08/11/2010 08/11/2010 08/11/2010	Method Blank ND ND ND	0.822 0.842 0.833	82.2 84.2 83.3	1.00 1.00 1.00	7.10 6.91 6.93	Qualifier
Analyte Benzene* Toluene* Ethylbenzene* Total Xylenes*	mg, Result <0.050 1.78 0.832 12.4	Reporting Limit 0.050 0.050 0.050 0.150	Analyzed 08/11/2010 08/11/2010 08/11/2010 08/11/2010	Method Blank ND ND ND	0.822 0.842 0.833	82.2 84.2 83.3	1.00 1.00 1.00	7.10 6.91 6.93	Qualifier
BTEX 8021B Analyte Benzene* Toluene* Ethylbenzene* Total Xylenes* Surrogate: 4-Bromofluorobenzene (PIL	Result <0.050 1.78 0.832 12.4	Reporting Limit 0.050 0.050 0.050 0.150	Analyzed 08/11/2010 08/11/2010 08/11/2010 08/11/2010	Method Blank ND ND ND ND ND	0.822 0.842 0.833	82.2 84.2 83.3	1.00 1.00 1.00	7.10 6.91 6.93	Qualifier
Analyte Benzene* Toluene* Ethylbenzene* Total Xylenes* Surrogate: 4-Bromofluorobenzene (PIL Chloride, SM4500Cl-B	Result <0.050 1.78 0.832 12.4	Reporting Limit 0.050 0.050 0.050 0.150 80-120	Analyzed 08/11/2010 08/11/2010 08/11/2010 08/11/2010	Method Blank ND ND ND ND ND ND	0.822 0.842 0.833 2.66	82.2 84.2 83.3 88.7	1.00 1.00 1.00 3.00	7.10 6.91 6.93 7.12	

Cardinal Laboratories

*=Accredited Analyte

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WHOLE EARTH ENVIRONMENTAL, INC. ROY R. RASCON 2103 ARBOR COVE KATY TX, 77494

Fax To:

(281) 394-2051

Received:

08/09/2010

Sampling Date:

08/04/2010

Reported:

Sampling Type:

Soil

Project Name:

08/16/2010 ISRAMCO ST. NBF BATT. CLEANUP

Sampling Condition:

** (See Notes)

Project Number:

NOT GIVEN

Sample Received By:

Jodi Henson

Project Location:

TATUM, NM

Sample ID: BORE # 6 @ 23' BGS (H020581-05)

BTEX 8021B	mg/	'kg	Analyze	d By: ZL					
Analyte	nalyte Result Reporting Lim		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2010	ND	0.822	82.2	1.00	7.10	
Toluene*	0.726	0.050	08/11/2010	ND	0.842	84.2	1.00	6.91	
Ethylbenzene*	0.274	0.274 0.050		ND	0.833	83.3	1.00	6.93	
Total Xylenes*	5.54	0.150	08/11/2010	ND	2.66	88.7	3.00	7.12	
Surrogate: 4-Bromofluorobenzene (PIL	106	% 80-120		-					
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 16.0		ND	432	108	400	0.00	

Cardinal Laboratories *=Accredited Analyte

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WHOLE EARTH ENVIRONMENTAL, INC. ROY R. RASCON 2103 ARBOR COVE KATY TX, 77494

Fax To:

(281) 394-2051

Received:

08/09/2010

Sampling Date:

08/04/2010

Reported:

Soil

08/16/2010

Sampling Type:

** (See Notes)

Project Name:

ISRAMCO ST. NBF BATT, CLEANUP

Sampling Condition:

Project Number:

NOT GIVEN

Sample Received By:

Jodi Henson

Project Location:

TATUM, NM

Sample ID: COMP OF BORE #1,2, 3, 5, &6 @ 23' BGS (H020581-06)

BTEX 8021B	mg/	'kg	Analyze	d By: ZL						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/11/2010	ND	0.822	82.2	1.00	7.10		
Toluene*	0.566 0.050		08/11/2010	NĐ	0.842	84.2	1.00	6.91		
Ethylbenzene*	0.284	0.050	08/11/2010	ND	0.833	83.3	1.00	6.93		
Total Xylenes*	4.51 0.150		08/11/2010	ND	2.66	88.7	3.00	7.12		
Surrogate: 4-Bromofluorobenzene (PIL	99.1	% 80-120)							
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM						
Analyte	Result	Result Reporting Limit		Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	16.0 08/09/2010 ND			108	400	0.00		
TPH 8015M	mg/	'kg	Analyze	d By: AB					QM-02	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	1340	50.0	08/09/2010	ND	169	84.6	200	1.89		
DRO >C10-C28	4890	50.0	08/09/2010	ND	166	83.1	200	0.0896		
Surrogate: 1-Chlorooctane	118 % 70-130									
Surrogate: 1-Chlorooctadecane	122 9	% 70-130)							

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and PLEASE NOTE: Liability and Damages. Cardina's liability and client's exclusive remedy for any datin arising, wincere based in contract of tort, shall be immed to the amount paid by client for almost any other cause whatsoever shall be deemed waived unless made in writing and received by Cardina's within thirty (30) days after completion of the applicable service. In no event shall Canada event shall causes made in writing and received by Cardina's within thirty (30) days after completion of the applicable service. In over the shall consequent and amages, 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.



Notes and Definitions

QM-02 The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of

analyte inherent in the sample.

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



2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240 (325) 673-7001 FAX (325)673-7020 (505) 393-2376 FAX (505) 393-2476

Company Name:	WHOLE EARTH I		_	_								BILL	TO :	ANALYSIS REQUEST												
Project Manager:	: ROY	R. RA	SCON	I					P.O. #	ŀ.																
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Phone #:	Fax #:			A						ess:										1					. !	
Project Owner:									City:												ŀ			ıi		
Project Name:	me: ISRAMCO ST. NBF BATT. CLEAN UP								State:		Zij):								1					. !	
Project Location:	TA	TUM,	NM						Phone	#:																
Sampler Name:	ROY R.	RASC	CON						Fax#	1																
		<u>a</u> i			N	IATR	X			PRES	ERV.		SAMI	LING								1				i
FOR LAB USE ONLY LAB ID #	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	ОІГ	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	CATS & ANS	Н	BTEX	CL.	TPH 418.1	8015M						
H20581-1	BORE #1 @ 23'BGS	G	1			X					X		8/3/10	1010			X	X								
2	BORE #2 @ 23'BGS	G	1			X					Х		8/3/10	1200		RR	<u> </u>	X		<u> </u>						<u> </u>
3	BORE #3 @ 23'BGS	G	1	<u> </u>		X					X		8/3/10				X	X		<u> </u>					<u> </u>	
4	BORE #5 @ 23'BGS	G	1	<u> </u>		X			<u> </u>		X	L	8/4/10	1025		<u> </u>	X	X		<u> </u>	<u> </u>	<u> </u>	<u> </u>			
3	BORE #6 @ 23'BGS	G	1	ļ		X					X	<u> </u>	8/4/10	1156			X	X	L	 	<u> </u>					<u> </u>
6	COMP. OF BORE #1,7,3,5,&6 @23'BGS 1,2,3,5, 6	С	1	-		X					x		8/4/10	1253			х	х		X						
PLEASE NOTE	: Liability and Damages. Cardinal's liah	ilitv ar	nd clie	ent's ex	clusiv	e reme	dv for	ลางุเ	laim a	risiņø	wheth	er has	ed in contri	act or tort.	shall !	he limi	ted to	he am	ount r	naid by	the cl	lient fo	r the	L	L	<u></u>

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 naid by the client for the 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 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 loss of profits incurred by client, its subsidiaries,

attiliates or successors arising out of or related to the pe		iless of whether such claim is	s based upon any of the al		
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[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



June 30, 2010

Elliot Werner Whole Earth Environmental, Inc. 2103 Arbor Cove Katy, TX 77494

Re: Isramco/State NBF

Enclosed are the results of analyses for sample number H20240, received by the laboratory on 06/29/10 at 4:10 pm.

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 Hydrocarbons

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

Cardinal Laboratories is accredited though 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 524.2

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely,

Celey D. Keene

Laboratory Director



ANALYTICAL RESULTS FOR WHOLE EARTH ENVIRONMENTAL, INC.

ATTN: ELLIOT WERNER 2103 ARBOR COVE KATY, TX 77494

FAX TO: (281) 394-2051

Receiving Date: 06/29/10 Reporting Date: 06/30/10

Project Owner: ISRAMCO

SAMPLE ID

Project Name: STATE NBF
Project Location: TATUM, NM

Sampling Date: 06/29/10

Sample Type: SOIL

Sample Condition: COOL & INTACT @ 4°C

Sample Received By: JH Analyzed By: AB/CK/ZL/HM

GRO DRO ETHYL TOTAL

(C₆-C₁₀) (>C₁₀-C₂₈) BENZENE TOLUENE BENZENE XYLENES CI*

(mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg)

ANALYSIS DATE:	06/30/10	06/30/10	06/30/10	06/30/10	06/30/10	06/30/10	06/30/10
H20240-1 NORTH WALL	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	656
H20240-2 EAST WALL	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	608

Quality Control	487	511	0.011	0.010	0.011	0.032	500
True Value QC	500	500	0.010	0.010	0.010	0.030	500
% Recovery	97.4	102	110	100	110	107	100
Relative Percent Difference	3.2	13.0	3.9	4.0	5.2	4.6	< 0.1

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B; CI-: Std. Methods 4500-CI-B

*Analyses performed on 1:4 w:v aqueous extracts. Reported on wet weight.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE,

AND TOTAL XYLENES. Not accredited for GRO/DRO and Chloride.

Lab Directo

LAB NO.

Date



ARDINAL LABORATORIES

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

	/ /	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
1 \ (CHAIN-OF-COSTODY AND ANALYSIS REQUEST

Company Name: Whole Earth Env									BILLTO					ANALYSIS REQUEST											
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FORM-006 Revision 1.0 † Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

#26



June 24, 2010

Elliot Werner Whole Earth Environmental, Inc. 2103 Arbor Cove Katy, TX 77494

Re: Isramco/State NBF

Enclosed are the results of analyses for sample number H20183, received by the laboratory on 06/22/10 at 3:30 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260 Method TX 1005

Total Petroleum Hydrocarbons

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

Cardinal Laboratories is accredited though 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 524.2

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 4 (includes Chain of Custody)

Sincerely.

Celey D. Reene Laboratory Director



ANALYTICAL RESULTS FOR

WHOLE EARTH ENVIRONMENTAL, INC.

ATTN: ELLIOT WERNER 2103 ARBOR COVE KATY, TX 77494

FAX TO: (281) 394-2051

Receiving Date: 06/22/10

Reporting Date: 06/23/10

Project Owner: ISRAMCO

Project Name: STATE NBF
Project Location: TATUM, NM

Sampling Date: 06/22/10

Sample Type: SOIL

Sample Condition: COOL & INTACT @ 4°C

Sample Received By: JH Analyzed By: AB/HM

GRO DRO (C₆-C₁₀) (>C₁₀-C₂₈)

(mg/kg)

(mg/kg)

CI* (mg/kg)

LAB NUMBER SAMPLE ID

ANALYSIS D	ATE	06/23/10	06/23/10	06/23/10
H20183-1**	NORTH WALL	1,150	4,530	16
H20183-2	SOUTH WALL	<10.0	333	192
H20183-3**	EAST WALL	132	2,660	1,150
H20183-4	WEST WALL	<10.0	<10.0	592
Quality Contro	ol	481	583	500
True Value Q	C	500	500	500
% Recovery		96.2	117	100
Relative Perc	ent Difference	1.8	1.5	< 0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CIT: Std. Methods 4500-CITB

Lab Directo

Date

H20183 TCL WEE

^{*}Analyses performed on 1:4 w:v aqueous extracts. Reported on wet weight.

^{**}One or more TPH surrogates outside historical limits due to matrix interference.



ANALYTICAL RESULTS FOR WHOLE EARTH ENVIRONMENTAL, INC.

ATTN: ELLIOT WERNER 2103 ARBOR COVE KATY, TX 77494

FAX TO: (281) 394-2051

Receiving Date: 06/22/10

Reporting Date: 06/23/10

Project Owner: ISRAMCO

Project Name: STATE NBF

Project Location: TATUM, NM

Sampling Date: 06/22/10

Sample Type: SOIL

Sample Condition: COOL & INTACT @ 4°C

Sample Received By: JH

Analyzed By: ZL

ETHYL

LAB NO.

SAMPLE ID

BENZENE TOLUENE (mg/kg) (mg/kg)

BENZENE (mg/kg)

TOTAL XYLENES (mg/kg)

ANALYSIS DATE	-	06/23/10	06/23/10	06/23/10	06/23/10
H20183-1	NORTH WALL	<0.050	1.91	2.35	20.2
H20183-3	EAST WALL	<0.050	<0.050	0.239	2.69
Quality Control		0.009	0.010	0.010	0.030
True Value QC		0.010	0.010	0.010	0.030
% Recovery		90.0	100	100	100
Relative Percent	Difference	10.5	7.5	15.4	10.5

METHODS: BTEX - SW-846 8021B

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Reported on wet weight.

Chemist



Revision 1.0

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	: Whole Canth	ごりひ	BILLTO	NESS.			ANAL	YSIS RI	EQUEST		
Project Manage	Ellief Horney		P.O. #;								
Address:	2103 Arbys Coul		Company:								
City: /La	A State: TX	zip: 77494	Attn:				1		1 1	1 1	1 1
Plione #: (25)	1394-205U Fax#: 30	74-2051	Address:								
Project #:	Project Owner:	ISRAMCO	City:								
Project Name:	At State NISF		State: Zip:								
Project Location	Tatun		Phone #:								
Sampler Name:	Ellrofweener		Fax #:			1,					
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June 9, 2010

Michael Griffin Whole Earth Environmental, Inc. 2103 Arbor Cove Katy, TX 77494

Re: Isramco NBF

Enclosed are the results of analyses for sample number H20029, received by the laboratory on 06/03/10 at 10:45 am.

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 Hydrocarbons

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

Cardinal Laboratories is accredited though 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 524.2

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely.

Celey D. Keene Laboratory Director



ANALYTICAL RESULTS FOR WHOLE EARTH ENVIRONMENTAL, INC.

ATTN: MIKE GRIFFIN 2103 ARBOR COVE KATY, TX 77494

FAX TO: (281) 394-2051

Receiving Date: 06/03/10 Reporting Date: 06/08/10

Project Owner: NOT GIVEN

Project Name: ISRAMCO NBF Project Location: NOT GIVEN

Sampling Date: 05/30/10 Sample Type: SOIL

Sample Condition: COOL & INTACT @ 1.5°C

Sample Received By: CK Analyzed By: AB/ZL/HM

GRO DRO

(ma/ka)

ETHYL

TOTAL

LAB NO.

SAMPLE ID

C \ \C C \ PENZENE TOLLIENE PENZENE VVIENES

(C₆-C₁₀) (>C₁₀-C₂₈) BENZENE TOLUENE BENZENE XYLENES CI*

(mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg)

	(***5***5)	(55)	((55)	(***3***3)	(33)	(***3***37
ANALYSIS DATE:	06/08/10	06/08/10	06/07/10	06/07/10	06/07/10	06/07/10	06/04/10
H20029-1** (B4) 5'	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	336
H20029-2** (B4) 6'	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	144
Quality Control	510	488	0.017	0.016	0.017	0.049	500
True Value QC	500	500	0.020	0.020	0.020	0.060	500
% Recovery	102	97.6	85.0	80.0	85.0	81.7	100
Relative Percent Difference	4.8	4.6	3.5	3.2	3.9	3.4	< 0.1

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B; CI-: Std. Methods 4500-CI-B

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE,

AND TOTAL XYLENES. Not accredited for GRO/DRO and Chloride.

*One or more TPH surrogates outside historical limits due to matrix interference.

H20029 TBCL WEE

^{*}Analyses performed on 1:4 w:v aqueous extracts. Reported on wet weight.





101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603

Company Name	: Whole Earth Environm ::Wife Gaiffin	ûna.	4.11)	7,0-7	001	ή	· ·	<u> </u>			TO			 · · · · · · · · · ·				ANA	LYS	IS F	₹EC	UE	ST	······		
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Lab I.D. H20029- I (2.4	Sample I.D. <u>B4).5′</u> B4) じ ′	P (G)RAB OR (C)OMP.	1	GROUNDWATER	WASTEWATER 7 7 SOIL	John	SLUDGE	OTHER:		C CICE/COOL			TIME 12:45 12:50	TICHON, Jes	W 5108 7 1		11 BTEX										
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April 7, 2010

Elliot Werner Whole Earth Environmental, Inc. 2103 Arbor Cove Katy, TX 77494

Re: NBF

Enclosed are the results of analyses for sample number H19590, received by the laboratory on 03/31/10 at 3:00 pm.

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 Hydrocarbons

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

Cardinal Laboratories is accredited though 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 524.2 Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 4 (includes Chain of Custody)

Sincerely,

Laboratory Director



ANALYTICAL RESULTS FOR WHOLE EARTH ENVIRONMENTAL, INC.

ATTN: ELLIOT WERNER 2103 ARBOR COVE KATY, TX 77494

FAX TO: (281) 394-2051

Receiving Date: 03/31/10

Reporting Date: 04/06/10

Project Owner: JAY MGT. Project Name: NBF

Project Location: TATUM, NM

Sampling Date: 03/31/10 Sample Type: SOIL

Sample Condition: COOL & INTACT @3 °C

Sample Received By: JH Analyzed By: ZL/CK

> 418.1 TOTAL

LAB NO.

SAMPLE ID

BENZENE TOLUENE BENZENE (mg/kg) (mg/kg)

(mg/kg)

ETHYL

TOTAL **XYLENES** (mg/kg)

TPH (mg/kg)

ANALYSIS DATE:	04/06/10	04/06/10	04/06/10	04/06/10	03/31/10
H19590-1 TANK PAD	<0.050	<0.050	0.123	<0.300	13,000
Quality Control	0.053	0.043	0.054	0.132	329
True Value QC	0.050	0.050	0.050	0.150	300
% Recovery	106	86.0	108	88.0	110
Relative Percent Difference	1.5	3.7	3.0	3.5	1.5

METHODS: BTEX - SW-846 8021B; TPH EPA 418.1

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Reported on wet weight. Not accredited for TPH 418.1



ANALYTICAL RESULTS FOR WHOLE EARTH ENVIRONMENTAL, INC.

ATTN: ELLIOTT WERNER

2103 ARBOR COVE KATY, TX 77494

FAX TO: (281) 394-2051

Receiving Date: 03/31/10 Reporting Date: 04/06/10 Project Owner: JAY MGT.

Project Name: NBF

Project Location: TATUM, NM

Analysis Date: 04/01/10 Sampling Date: 03/31/10

Sample Type: SOIL

Sample Condition: COOL & INTACT @ 3°C

Sample Received By: JH

Analyzed By: HM

	Cl
LAB NO. SAMPLE ID	(mg/kg)
H19590-1 TANK PAD	96
Quality Control	500
True Value QC	500
% Recovery	100
Relative Percent Difference	2.0

METHOD: Standard Methods 4500-Cl'B

Note: Analysis performed on a 1:4 w:v aqueous extract.

Not accredited for Chloride.

H19590 WEE

(5/5) 393-2326 Fax (5/5) 393-24/6		rageor
Company Name: 1) halp Eavth	BILL TO	ANALYSIS REQUEST
Project Manager: Lilliot Werner	P.O. #:	
Address: 2103 Arbar Cove	Company:	
City: Kcity State: TX Zip: 7749	4 Attn:	
Phone #: 26/ 394 - 20 9) Fax #:	Address:	
Project #: 1/18 F Project Owner: Jay Mgt.	City:	
Project Name: ADD NOF	State: Zip:	
Project Location: TateM	Phone #:	
Sampler Name: Elliot Wenum	Fax #:	in the same of the
- AN ADMINISTRATION	TRIX PRESERV. SAMPLING	
OMF		
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AB OIL AND THAIR	OIL SLUDGE OTHER: ACIDIBASE: ICE / COOL OTHER: MI	10/17
(G)R2	OUL SLUDGE OTHER: ACID/BAS ICE / COC OTHER: THE	
H19590-1855 Tank Part	3/31/10 1145A	
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PLEASE NOTE: Cacuty, and Damages, Cardinal's rabbin, and client's exclusive remedy for any claim arising whether base durayses. All creams including those for negagence and any other cause whatsoever shall be deemed waived unless made	d in contract or ton, shall be limited to the amount paid by the client i	for the Terms and Conditions: Interest will be charged on all accounts more than
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Sampler Relinquished: Date: 7/3// Received By:	Phone R	Result: D No Add'l Phone #:
Time, . An	Fax Res	
Relinquished By: Date: (-) / I/Received By:	A 6	
3/3//10	HOULD	
	Condition CHECKED BY:	
Sampler - UPS - Bus - Other:	Intact (Inifials)	

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393/2476.



WHOLE EARTH ENVIRONMENTAL, INC. MIKE GRIFFIN 2103 ARBOR COVE KATY TX, 77494

Fax To:

(281) 394-2051

Received:

10/15/2010

Reported:

10/19/2010

Project Name:

Project Location:

NBF

Project Number:

ARL.

NONE GIVEN

Sampling Date:

Sampling Type:

10/14/2010 Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: III 5 PT COMP. (H021082-08)

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	10/18/2010	ND	1.94	97.1	2.00		
Toluene*	<0.050	0.050	10/18/2010	ND	2.07	104	2.00		
Ethylbenzene*	<0.050	0.050	10/18/2010	ND	2.21	110	2.00		
Total Xylenes*	<0.150	0.150	10/18/2010	ND	6.39	107	6.00		
Surrogate: 4-Bromofluorobenzene (PIL	95.4	% 80-120							
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	10/18/2010	ND	416	104	400	0.00	
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	10/18/2010	ND	192	96.2	200	5.58	
DRO >C10-C28	<10.0	10.0	10/18/2010	ND	189	94.4	200	1.24	
Surrogate: 1-Chlorooctane	76.1	% 70-130		,					
Surrogate: 1-Chlorooctadecane	76.5	% 70-130							

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's fability 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 valved 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 such claims is based upon any of the above stated reasons or otherwise. Results refate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



WHOLE EARTH ENVIRONMENTAL, INC. MIKE GRIFFIN 2103 ARBOR COVE KATY TX, 77494

Fax To:

(281) 394-2051

Received:

10/15/2010

Sampling Date:

10/14/2010

Reported:

10/19/2010

Sampling Type:

Soil

Project Name:

NBF

Sampling Condition:

Cool & Intact

Project Number: Project Location:

NONE GIVEN NOT GIVEN

Sample Received By:

Jodi Henson

Sample ID: IV 5 PT COMP. (H021082-09)

BTEX 8021B

mg/kg

Analyzed By: cms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2010	ND	1.94	97.1	2.00		
Toluene*	<0.050	0.050	10/18/2010	ND	2.07	104	2.00		
Ethylbenzene*	<0.050	0.050	10/18/2010	ND	2.21	110	2.00		
Total Xylenes*	<0.150	0.150	10/18/2010	ND	6.39	107	6.00		
Surrogate: 4-Bromofluorobenzene (F	PIL 105	% 80-120							

Chloride, SM	4500CI-B		mg/kg	Analyzed By: HM
- 0	,			

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	2000	16.0	10/18/2010	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: AB			·		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10	<10.0	10.0	10/18/2010	ND	192	96.2	200	5.58	
DRO >C10-C28	<10.0	10.0	10/18/2010	ND	189	94.4	200	1.24	

Surrogate: 1-Chlorooctane 76.6 % 70-130 Surrogate: 1-Chlorooctadecane 78.4 % 70-130

Cardinal Laboratories *=Accredited Analyte

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 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 subscialates, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Liaboratories.



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. Analyte NOT DETECTED at or above the reporting limit ND

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

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 varied unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate vity to the samples identified above. This



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476

Company Name: Whole Earth Enviro.				BIL	L TO	i granista iran E	,			ANA	LYSIS	REC	QUES	T			
Project Manager: Mike Gaiffer			P.0	#:													
Address:			Con	npany:									-				
City: Karty State: TX	Zip:		Attı	1:				1						}	1	}	
Phone #: Fax #:			Add	tress:				ľ						1	l	1	
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Project Name: NBF Project Location:			Sta	te:	Zip:									1			
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November 04, 2010

MIKE GRIFFIN

WHOLE EARTH ENVIRONMENTAL, INC.

2103 ARBOR COVE

KATY, TX 77494

RE: NBF

Enclosed are the results of analyses for samples received by the laboratory on 11/01/10 7:50.

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,

Celey D. Keene

Lab Director/Quality Manager



WHOLE EARTH ENVIRONMENTAL, INC. MIKE GRIFFIN 2103 ARBOR COVE KATY TX, 77494

Fax To:

(281) 394-2051

Received:

11/01/2010

Sampling Date:

10/28/2010

Reported:

11/04/2010

Sampling Type:

Soil

Project Name:

NBF

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: NBF - 30' (H021187-01)

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	11/04/2010	ND	2.11	106	2.00		
Toluene*	<0.050	0.050	11/04/2010	ND	1.94	97.2	2.00		
Ethylbenzene*	<0.050	0.050	11/04/2010	ND	1.90	94.9	2.00		
Total Xylenes*	<0.150	0.150	11/04/2010	0.157	5.68	94.6	6.00		
Surrogate: 4-Bromofluorobenzene (PIL	92.3	% 80-120							
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	11/01/2010	ND	416	104	400	0.00	
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	11/01/2010	ND	168	84.2	200	7.46	
DRO >C10-C28	11.9	10.0	11/01/2010	ND	164	82.0	200	4.46	
Surrogate: 1-Chlorooctane	89.1	% 70-130						1000 1 1 1 1 1	
Surrogate: 1-Chlorooctadecane	89.9	% 70-130							

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any dain arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, induding those for negligence and any other cause whatsoever shall be deemed valved 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 subcidaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Notes and Definitions

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

Analyte NOT DETECTED at or above the reporting limit

ND

Cardinal Laboratories *=Accredited Analyte

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 whatsoever shall be deemed varied unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims to based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	: Whole Ears	y Env.	is c	,							147	BIL	LTO						ANA	LYSI	S RE	QUE	ST			
Project Manage	: Whole Fare r: Mike Grip	U.							Ρ.	O. #	:															
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FOR LAB USE ONLY			<u>,</u>			M	ATR	RIX	_	PR	ESE	RV.	SAMPLI	VG	9											
Lab I.D.	Sample I.I	D.		# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	OTHER:	ACID/BASE:	ICE / COOL	отнек:	DATE	TIME	Chloride	BTEX	8015M	Holy								
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analyses. All claims includ service. In no event shall (and Damages, Cardinal's liability and clied ing those for negligence and any other co Cardinal be liable for incidental or conseq	ause whatspever shall be quental damages, including	deeme withou	d waiv at limite	ed unle ation, b	ess ma: Lusines	de in w s interr	witing a ruptions	nd res	ceived of use	by Car , ar les	ıdınal v ss of pr	vithin 30 days after offits incurred by o	r completion of t lient, its subsidi	the applica aries.	hle										
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October 19, 2010

MIKE GRIFFIN

WHOLE EARTH ENVIRONMENTAL, INC.

2103 ARBOR COVE

KATY, TX 77494

RE: NBF

Enclosed are the results of analyses for samples received by the laboratory on 10/18/10 16:08.

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,

Celey D. Keene

Lab Director/Quality Manager



WHOLE EARTH ENVIRONMENTAL, INC. MIKE GRIFFIN 2103 ARBOR COVE **KATY TX, 77494**

Fax To:

(281) 394-2051

Received: Reported: 10/18/2010

10/19/2010

Project Name: Project Number: NBF

NONE GIVEN Project Location: NOT GIVEN

Sampling Date:

10/18/2010

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: NRF FYCAVATED PTI F (H021089-01)

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	10/19/2010	ND	1.94	97.1	2.00		
Toluene*	<0.050	0.050	10/19/2010	ND	2.07	104	2.00		
Ethylbenzene*	<0.050	0.050	10/19/2010	ND	2.21	110	2.00		
Total Xylenes*	<0.150	0.150	10/19/2010	ND	6.39	107	6.00		
Surrogate: 4-Bromofluorobenzene (PIL	99.3 %	% 80-120							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	10/19/2010	ND	416	104	400	0.00	
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	10/19/2010	ND	200	99.8	200	17.2	
DRO >C10-C28	60.4	10.0	10/19/2010	ND	164	82.1	200	0.176	
Surrogate: 1-Chlorooctane	89.9 9	% 70-130							
Surrogate: 1-Chlorooctadecane	99.19	% 70-130	•						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be determed valved unless made in writing and recovered by Cardinal industries descent of the applicable service. In no event shall be referred by large and recovered by Cardinal, regardless of whether such 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.



Notes and Definitions

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Analyte NOT DETECTED at or above the reporting limit

ND

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476

Company Name	Whole Earth r: Mike Gnift									ž X	E	3//	L TO	- A - 60-					Al	IAL	YSIS	RE	QUE	ST		
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Phone #:		Fax #:							Add	dres	ss:															
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analyses. All claims include service. In no event shall I	and Damages. Cardinal's liability and clie ing those for negligence and any other o Cardinal be liable for incidental or consec ing out of related to the performance	ause whatsoever shall be o	deemed withou	d waive	d unle	ss made i	n writi	ng and	recei	ved by	Cardi	nai wi	ithin 30 days after	r completion of the	he applicat	ble										
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[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



October 19, 2010

MIKE GRIFFIN

WHOLE EARTH ENVIRONMENTAL, INC.

2103 ARBOR COVE

KATY, TX 77494

RE: NBF

Enclosed are the results of analyses for samples received by the laboratory on 10/15/10 16:10.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021 Ber

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,

Celey D. Keene

Lab Director/Quality Manager



WHOLE EARTH ENVIRONMENTAL, INC. MIKE GRIFFIN 2103 ARBOR COVE KATY TX, 77494

(281) 394-2051 Fax To:

Received: Reported: 10/15/2010

Project Name: NBF

Project Number: Project Location: 10/19/2010

NONE GIVEN NOT GIVEN

Sampling Date:

10/14/2010

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: N WALL 10 PT. COMP (H021082-01)

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	10/18/2010	ND	1.94	97.1	2.00		
Toluene*	<0.050	0.050	10/18/2010	ND	2.07	104	2.00		
Ethylbenzene*	<0.050	0.050	10/18/2010	ND	2.21	110	2.00		
Total Xylenes*	<0.150	0.150	10/18/2010	ND	6.39	107	6.00		
Surrogate: 4-Bromofluorobenzene (PIL	99.6	% 80-120							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					···
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	10/18/2010	ND	416	104	400	0.00	
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	10/18/2010	ND	184	92.2	200	7.08	
DRO >C10-C28	<10.0	10.0	10/18/2010	ND	173	86.7	200	7.27	
Surrogate: 1-Chlorooctane	74.4	% 70-130							
Surrogate: 1-Chlorooctadecane	76.7	% 70-130							

Cardinal Laboratories

*=Accredited Analyte

PLESE 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 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 lable 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.



WHOLE EARTH ENVIRONMENTAL, INC. MIKE GRIFFIN 2103 ARBOR COVE KATY TX, 77494

Fax To:

(281) 394-2051

Received:

10/15/2010

Sampling Date:

10/14/2010

Reported:

10/19/2010

Sampling Type:

Soil

Project Name:

NBF

Sampling Condition: Sample Received By:

Cool & Intact Jodi Henson

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sample ID: S. WALL 10 PT. COMP. (H021082-02)

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	10/18/2010	ND	1.94	97.1	2.00		
Toluene*	<0.050	0.050	10/18/2010	ND	2.07	104	2.00		
Ethylbenzene*	<0.050	0.050	10/18/2010	ND	2.21	110	2.00		
Total Xylenes*	<0.150	0.150	10/18/2010	ND	6.39	107	6.00		
Surrogate: 4-Bromofluorobenzene (PIL	108 %	6 80-120							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	10/18/2010	ND	416	104	400	0.00	
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	10/18/2010	ND	184	92.2	200	7.08	
DRO >C10-C28	<10.0	10.0	10/18/2010	ND	173	86.7	200	7.27	
Surrogate: 1-Chlorooctane	75.0 9	% 70-130							
Surrogate: 1-Chlorooctadecane	76.4 9	% 70-130							

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*=Accredited Analyte

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WHOLE EARTH ENVIRONMENTAL, INC. MIKE GRIFFIN 2103 ARBOR COVE KATY TX, 77494

Fax To: (281) 394-2051

Received:

10/15/2010

Sampling Date:

10/14/2010

Reported:

10/19/2010

Sampling Type:

Project Name:

Sampling Condition:

Cool & Intact

NBF

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: E. WALL 10 PT. COMP. (H021082-03)

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	10/18/2010	ND	1.94	97.1	2.00		
Toluene*	<0.050	0.050	10/18/2010	ND	2.07	104	2.00		
Ethylbenzene*	<0.050	0.050	10/18/2010	ND	2.21	110	2.00		
Total Xylenes*	<0.150	0.150	10/18/2010	ND	6.39	107	6.00		
Surrogate: 4-Bromofluorobenzene (PIL	108 5	% 80-120							
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	10/18/2010	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: AB					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/18/2010	ND	192	96.2	200	5.58	
DRO >C10-C28	<10.0	10.0	10/18/2010	ND	189	94.4	200	1.24	
Surrogate: 1-Chlorooctane	69.3	% 70-130							
Surrogate: 1-Chlorooctadecane	70.7	% 70-130							

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*=Accredited Analyte

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WHOLE EARTH ENVIRONMENTAL, INC. MIKE GRIFFIN 2103 ARBOR COVE KATY TX, 77494

Fax To:

(281) 394-2051

Received: Reported: 10/15/2010

10/19/2010

NBF

Project Name:

Project Number:

NONE GIVEN

Sampling Date:

10/14/2010

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: 4 WALL 40 PT. COMP. (H021082-04)

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	10/18/2010	ND	1.94	97.1	2.00		
Toluene*	<0.050	0.050	10/18/2010	ND	2.07	104	2.00		
Ethylbenzene*	<0.050	0.050	10/18/2010	ND	2.21	110	2.00		
Total Xylenes*	<0.150	0.150	10/18/2010	ND	6.39	107	6.00		
Surrogate: 4-Bromofluorobenzene (PIL	96.6	% 80-120							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	16.0	10/18/2010	ND	416	104	400	0.00	
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	10/18/2010	ND	192	96.2	200	5.58	
DRO >C10-C28	<10.0	10.0	10/18/2010	ND	189	94.4	200	1.24	
Surrogate: 1-Chlorooctane	72.2	% 70-130						,	
Surrogate: 1-Chlorooctadecane	72.3	% 70-130							

Cardinal Laboratories

*=Accredited Analyte

any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, 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.



WHOLE EARTH ENVIRONMENTAL, INC. MIKE GRIFFIN 2103 ARBOR COVE KATY TX, 77494

Fax To:

(281) 394-2051

Received:

10/15/2010

Sampling Date:

10/14/2010

Reported:

10/19/2010

Sampling Type:

Project Name:

NBF

Sampling Condition:

Cool & Intact

Project Number: Project Location:

NONE GIVEN NOT GIVEN

Sample Received By:

Jodi Henson

Sample ID: BOTTOM 20 PT COMP. (H021082-05)

BTEX 8021B	mg,	/kg	Analyze	d By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	10/18/2010	ND	1.94	97.1	2.00		
Toluene*	<0.050	0.050	10/18/2010	ND	2.07	104	2.00		
Ethylbenzene*	<0.050	0.050	10/18/2010	ND	2.21	110	2.00		
Total Xylenes*	<0.150	0.150	10/18/2010	ND	6.39	107	6.00		
Surrogate: 4-Bromofluorobenzene (PIL	101	% 80-120							
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	10/18/2010	ND	416	104	400	0.00	
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	10/18/2010	ND	192	96.2	200	5.58	
DRO >C10-C28	<10.0	10.0	10/18/2010	ND	189	94.4	200	1.24	
Surrogate: 1-Chlorooctane	74.4	% 70-130							
Surrogate: 1-Chlorooctadecane	74.9	% 70-130							

Cardinal Laboratories

*=Accredited Analyte

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



WHOLE EARTH ENVIRONMENTAL, INC. MIKE GRIFFIN 2103 ARBOR COVE KATY TX, 77494

Fax To:

(281) 394-2051

Received:

10/15/2010

10/19/2010

Reported: Project Name:

NBF

Project Number: NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

10/14/2010

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: I - 5 PT. COMP (H021082-06)

BTEX 8021B	mg/l	kg .	Analyze	d By: cms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2010	ND	1.94	97.1	2.00		
Toluene*	<0.050	0.050	10/18/2010	ND	2.07	104	2.00		
Ethylbenzene*	<0.050	0.050	10/18/2010	ND	2.21	110	2.00		
Total Xylenes*	<0.150	0.150	10/18/2010	ND	6.39	107	6.00		
Surrogate: 4-Bromofluorobenzene (PIL	99.5 %	6 80-120							
Chloride, SM4500Cl-B	mg/l	кg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1810	16.0	10/18/2010	ND	416	104	400	0.00	
TPH 8015M	mg/l	(g	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	10/18/2010	ND	192	96.2	200	5.58	
DRO >C10-C28	<10.0	10.0	10/18/2010	ND	189	94.4	200	1.24	
Surrogate: 1-Chlorooctane	74.9 %	6 70-130							
Surrogate: 1-Chlorooctadecane	75.7%	6 70-130							

Cardinal Laboratories

*=Accredited Analyte

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WHOLE EARTH ENVIRONMENTAL, INC. MIKE GRIFFIN 2103 ARBOR COVE KATY TX, 77494

Fax To:

(281) 394-2051

Received: Reported: 10/15/2010 10/19/2010

Project Name:

NBF

Project Number: Project Location:

NONE GIVEN NOT GIVEN Sampling Date:

10/14/2010

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: II 5 PT. COMP. (H021082-07)

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	10/18/2010	ND	1.94	97.1	2.00		
Toluene*	<0.050	0.050	10/18/2010	ND	2.07	104	2.00		
Ethylbenzene*	<0.050	0.050	10/18/2010	ND	2.21	110	2.00		
Total Xylenes*	<0.150	0.150	10/18/2010	ND	6.39	107	6.00		
Surrogate: 4-Bromofluorobenzene (PIL	102 9	% 80-120							
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	1330	16.0	10/18/2010	ND	416	104	400	0.00	
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	10/18/2010	ND	192	96.2	200	5.58	
DRO >C10-C28	<10.0	10.0	10/18/2010	ND	189	94.4	200	1.24	
Surrogate: 1-Chlorooctane	74.5	% 70-130			-				
Surrogate: 1-Chlorooctadecane	75.3	% 70-130							

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*=Accredited Analyte

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