



Whole Earth Environmental, Inc.

2103 Arbor Cove

Katy, Tx. 77494

281.394.2050

mikeg@vadose.us

RECEIVED

DEC 07 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 Griffin

President

Whole Earth Environmental, Inc.

1621 N. French Co., Hobbs, NM 88240
District II
1301 W. Central Avenue, Santa Fe, NM 87505
District III
1000 H.E. Dumas Road, Azusa, 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

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JUN 25 2010

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Form C-141

Revised October 19, 2003

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: Jay Management	Contact: Kirk Brown
Address: 2425 West Loop So. Suite 810 Houston, TX 77027	Telephone No.: 713.621.5882 X 302
Facility Name: State: Near NHT State # 1	Facility Type: Salt Water Disposal Line

Surface Owner: NMSELCO	Mineral Owner: Jay Mgmt.	Lease No.: 00-1483
------------------------	--------------------------	--------------------

LOCATION OF RELEASE

30 025-2089

Unit Letter: F	Section: 22	Township: 11S	Range: 33E	Feet from the:	North/South Line:	Feet from the:	East/West Line:	County:
----------------	-------------	---------------	------------	----------------	-------------------	----------------	-----------------	---------

Latitude: Longitude:

NATURE OF RELEASE

WTR 35'

Type of Release: Salt water	Nature of Release: 2000 Bbls	Volume Released: Approx. 280 Bbls
Source of Release: Pipeline Leak	Date and Hour of Occurrence: Approx. 3:00 AM 1/18/09	Date and Hour of Discovery: Approx. 7:00 AM 1/18/09
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Maxie Brown	
By Whom? Kirk Brown	Date and Hour: Approx. 6:00 AM 1/18/09	
Was Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse:	

If a Watercourse was Impacted, Describe Fully:

Describe Cause of Problem and Remedial Action Taken:

During well workover, the derrick was set too close to pipeline. High winds caused the anchor to flex, damaging the transit pipeline.

Describe Area Affected and Cleanup Action Taken:

Two holes run to the east along the large road. Approx. 280 bbls of fluid were removed by vacuum truck, and affected soils were removed & sent to commercial disposal. Jay Mgmt. has contracted Waste Earth Environmental to conduct full delineation & remediation of affected area.

10,000 sq ft

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCED 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 NMOCED 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, NMOCED acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws or other regulations.

Signature: <i>Kirk Brown</i>	OIL CONSERVATION DIVISION	
Printed Name: Kirk Brown	Approved by District Supervisor: <i>[Signature]</i>	
Title: Supervisor	Approval Date: 6.23.10	Expiration Date: 8.23.10
Facility Address: Kirk@jaymanagement.com	Conditions of Approval: <i>[Signature]</i>	
Date: 1-28-10 Phone: 713.621.5882 X 302	Submit Final C-141 w/docs by: 10.6.2567	

Attach Additional Sheets if Necessary

NLWS 1017456509
NLWS 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 07 2010
HOBBSDO
Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: 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

Surface Owner: State	Mineral Owner: Isramco	Lease No.: OG-1402
----------------------	------------------------	--------------------

LOCATION OF RELEASE

30.025.20891

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
F	22	11S	33E					

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release: Salt Water	Volume of Release: >300 Bbls.	Volume Recovered: Approx. 280 Bbls
Source of Release: Pipeline Leak	Date and Hour of Occurrence: Approx. 5 AM 1-18-10	Date and Hour of Discovery: Approx. 7 AM 1-18-10
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Maxie Brown	
By Whom? : Kirk Broussard	Date and Hour: 8:00 AM 1-18-10	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

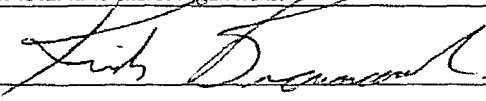

Describe Cause of Problem and Remedial Action Taken.*

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.

Signature: 	OIL CONSERVATION DIVISION 	
Printed Name: Kirk Broussard	Approved by District Supervisor ENVIRONMENTAL ENGINEER	
Title: Engineer	Approval Date: 12.7.10	Expiration Date: —
E-mail Address: kirkb@isramco-jay.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 11-27-10 Phone: 713.621.3882 X 302		IRP #: 106.2567

* Attach Additional Sheets If Necessary



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DEC 07 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 NMOC 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

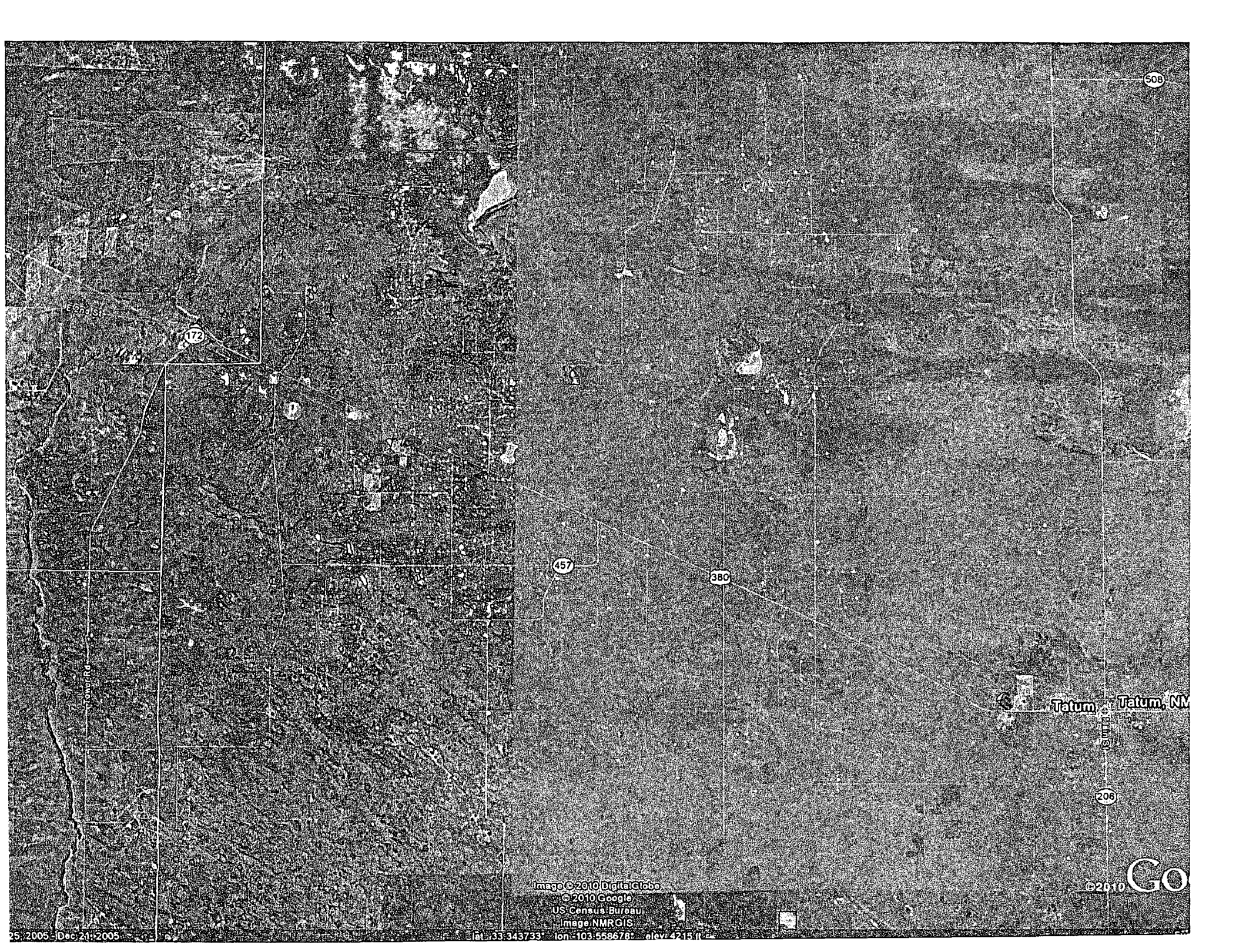
The areas beneath the tanks were free of significant chloride concentrations but contained significant concentrations of aliphatic range hydrocarbons. The area was excavated to an average depth of 18' below ground surface with the soils stockpiled immediately adjacent to the excavation. We advanced a 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



Imago © 2010 DigitalGlobe
© 2010 Google
US Census Bureau
Imago NMRGIS

© 2010 Go

NBF State

Borrow Pit

380

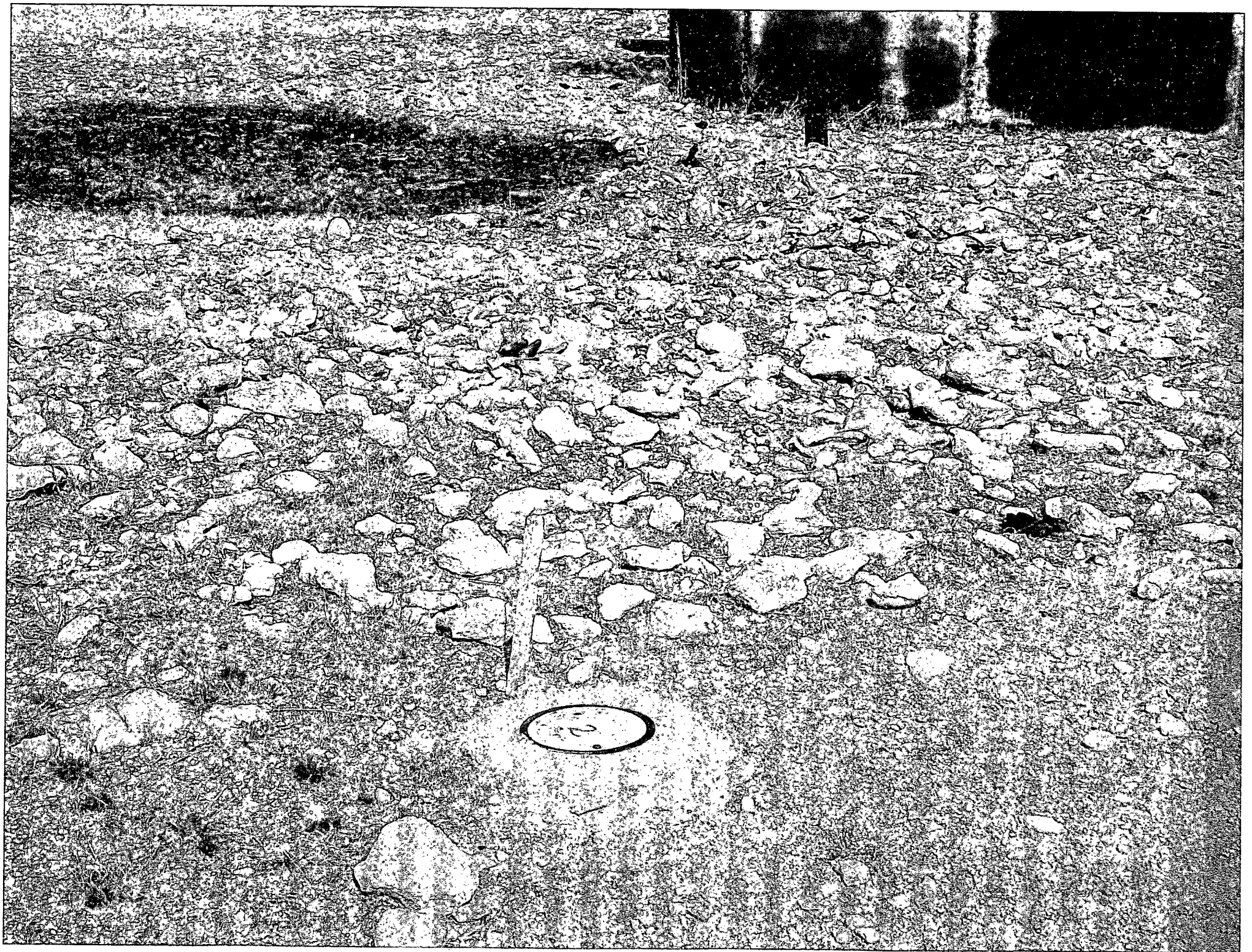
Image © 2010 DigitalGlobe
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Image © 2010 DigitalGlobe
© 2010 Google

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ISRAMCO NBF LEAK

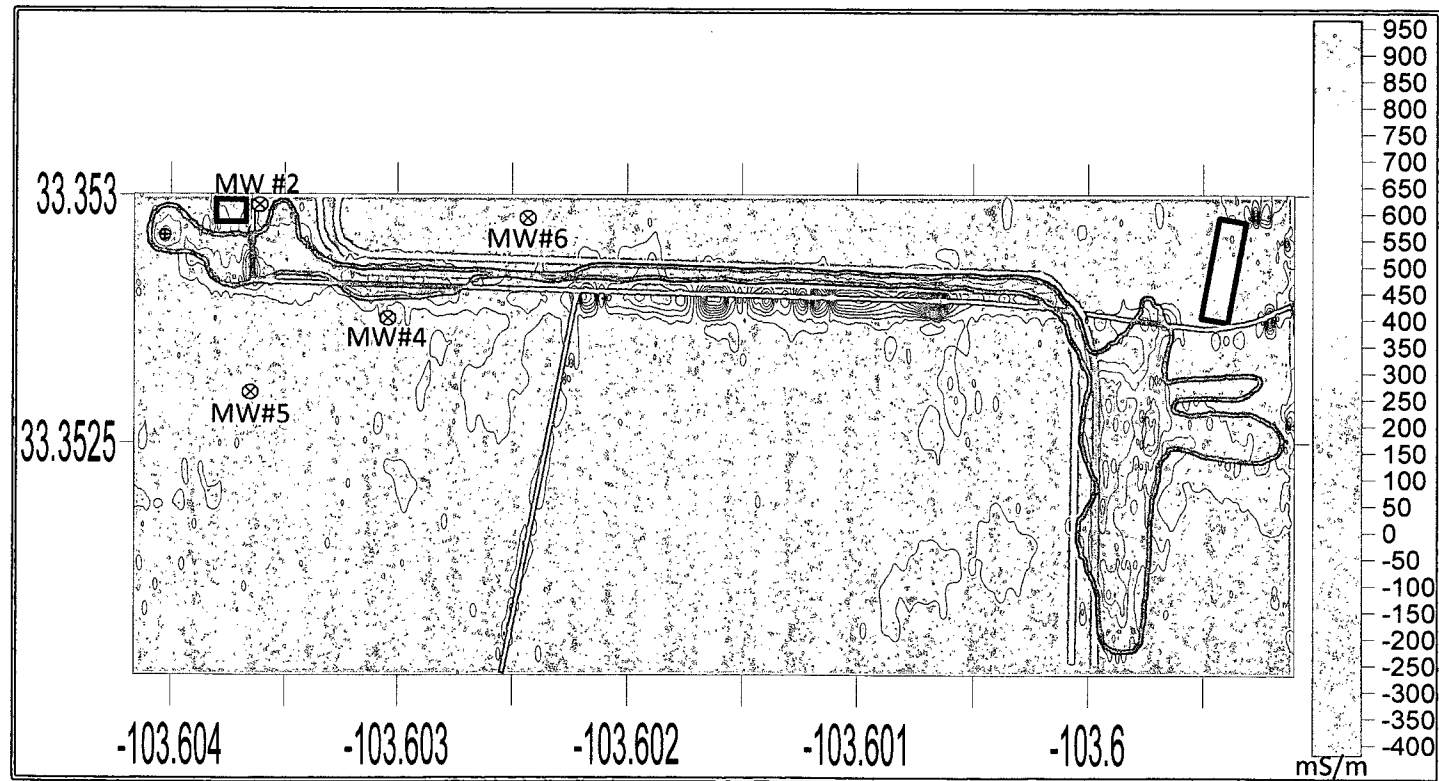
total survey area = 14.83 acres

1531.2'L x 422'W

total survey time = 10hrs

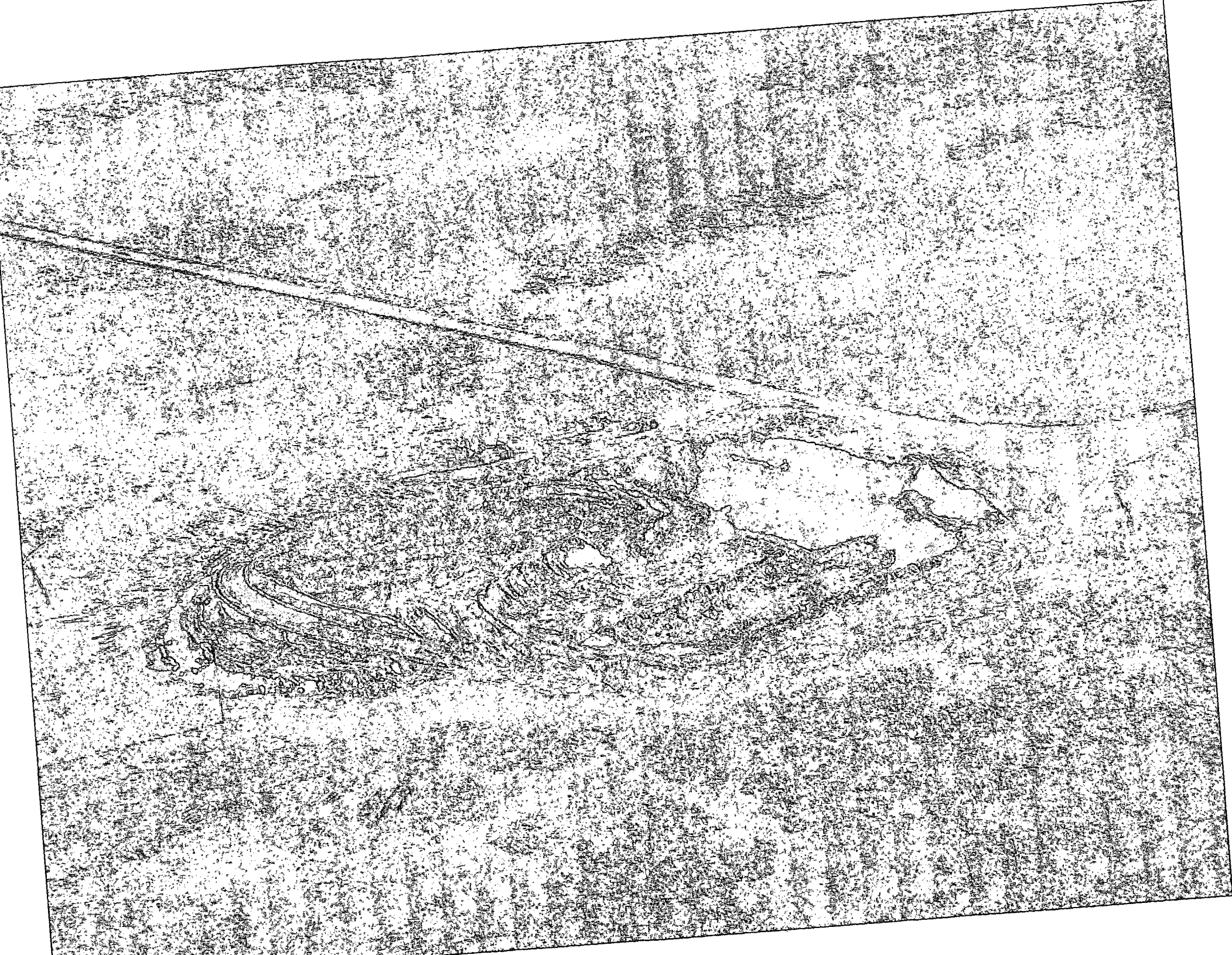
total time survey diagrams = 5hrs

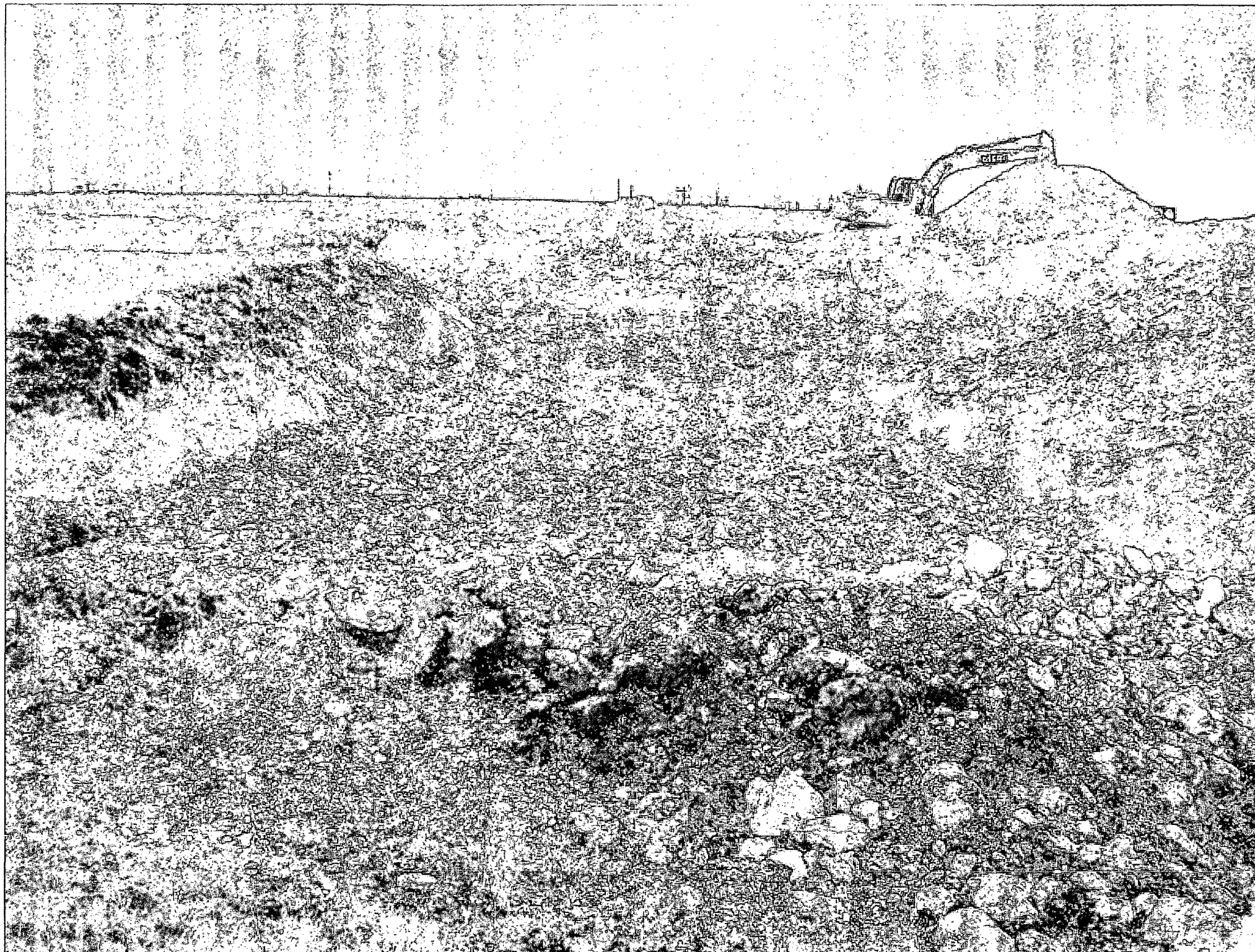
- ⊕ LEAK ORIGIN
- ⊗ MWS
- PIPELINE
- OLD LOCATION



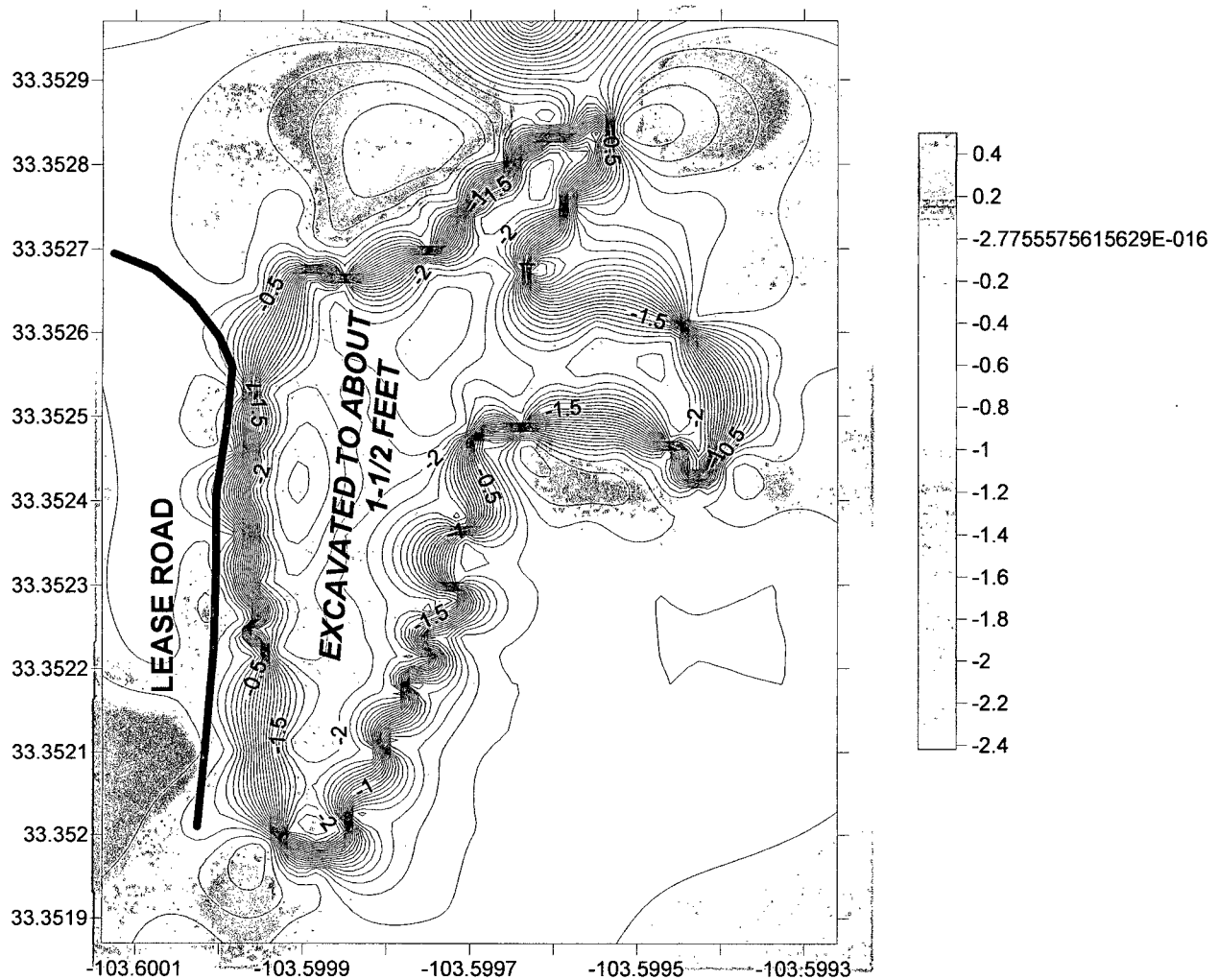




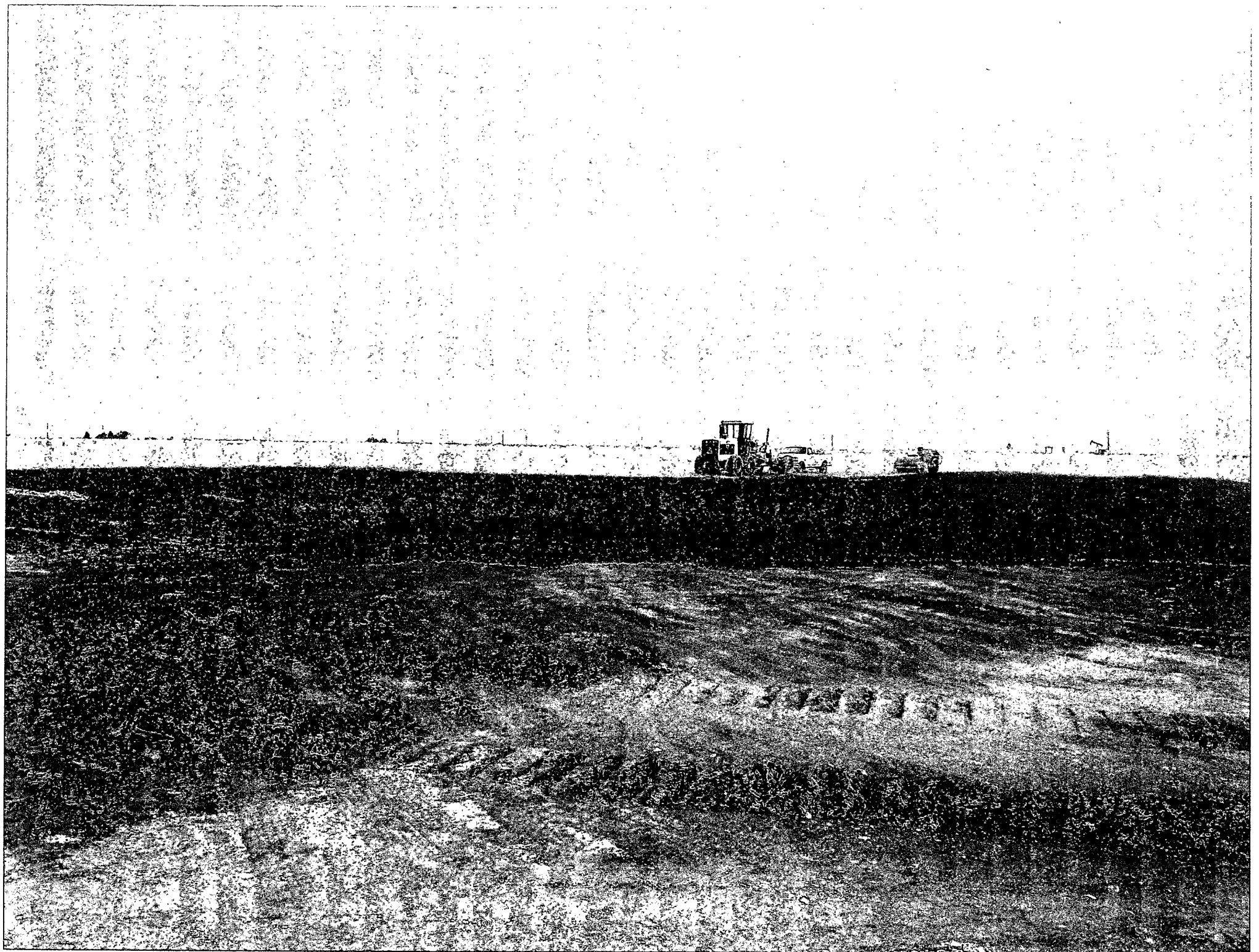


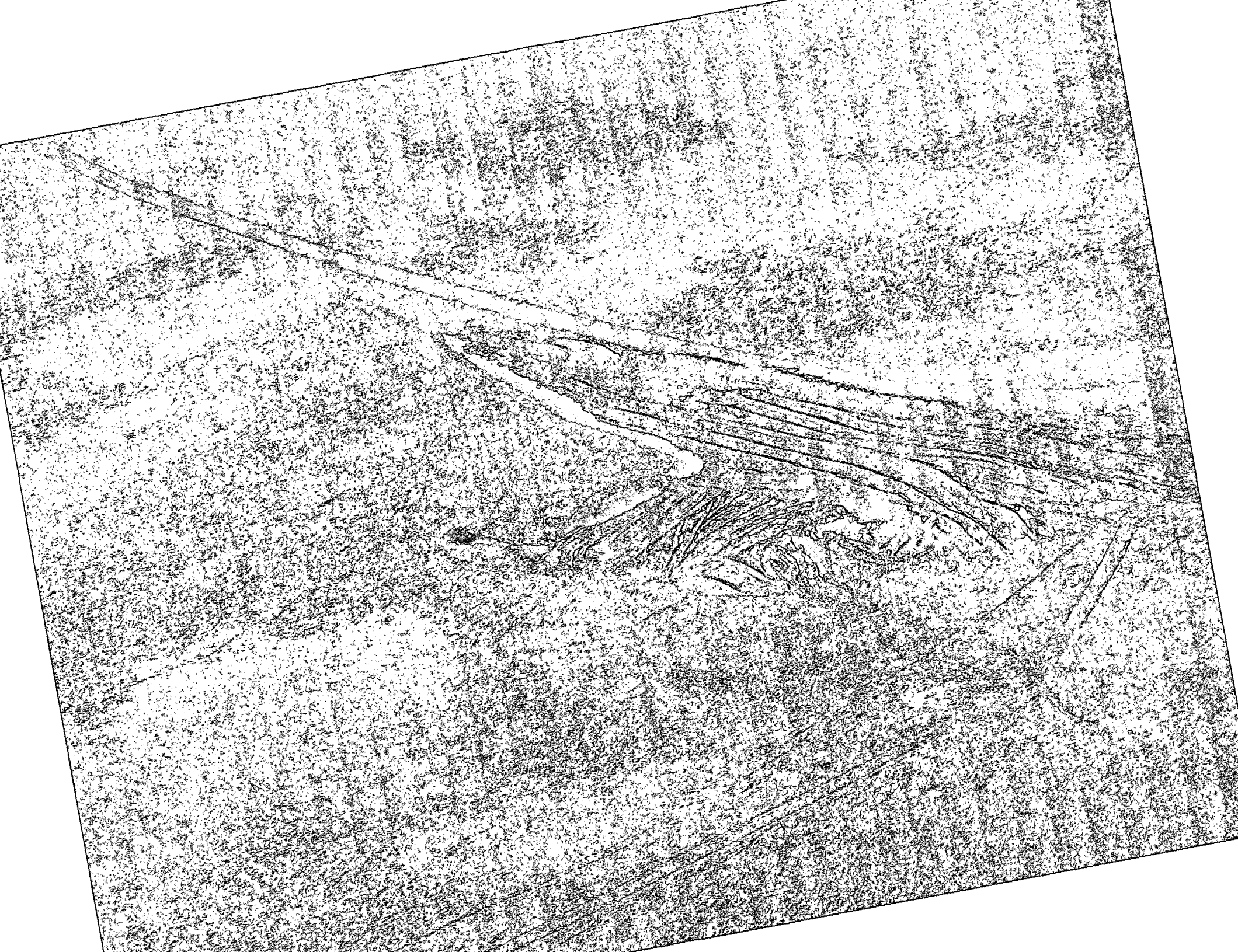


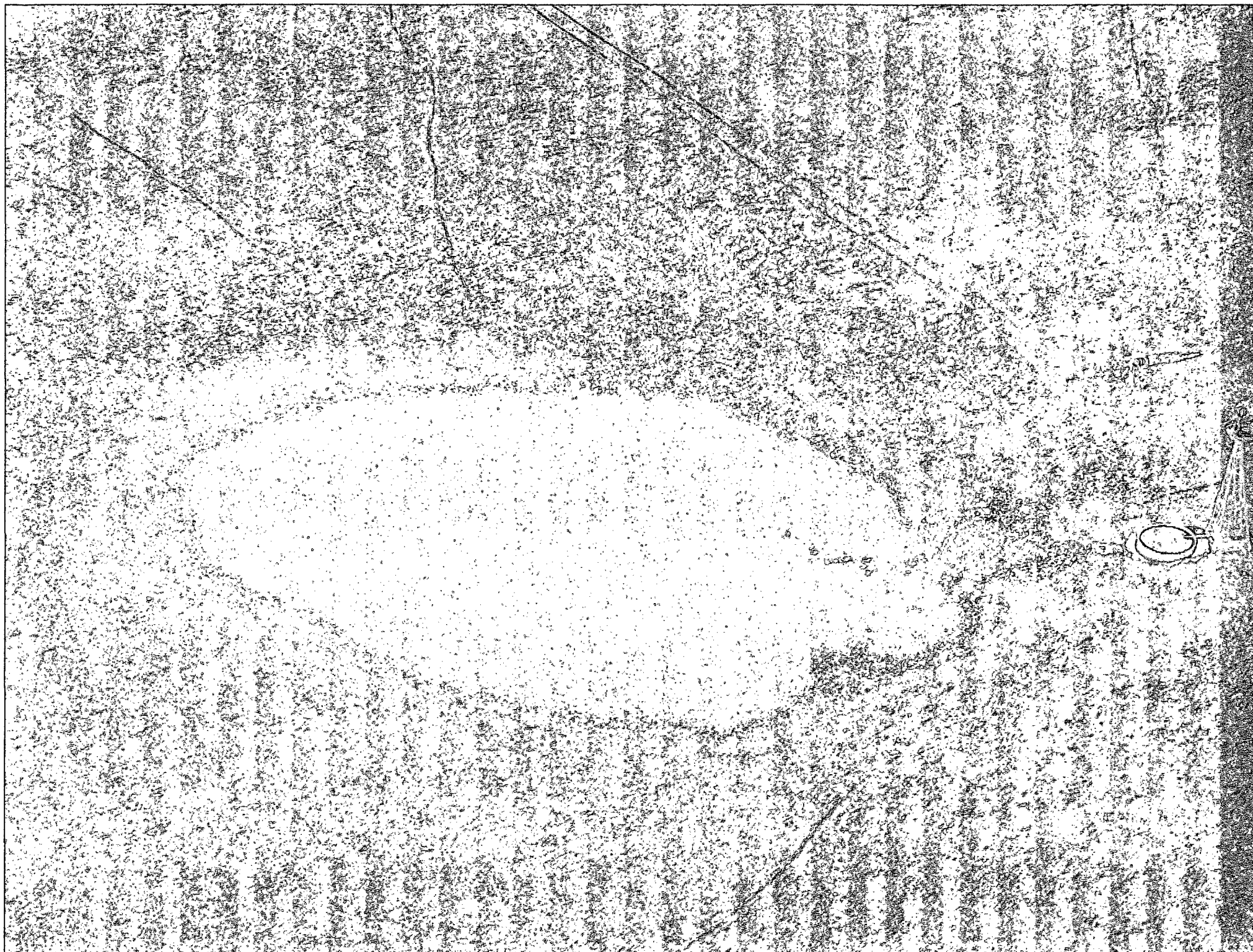
NBF SALT WATER LEAK SITE

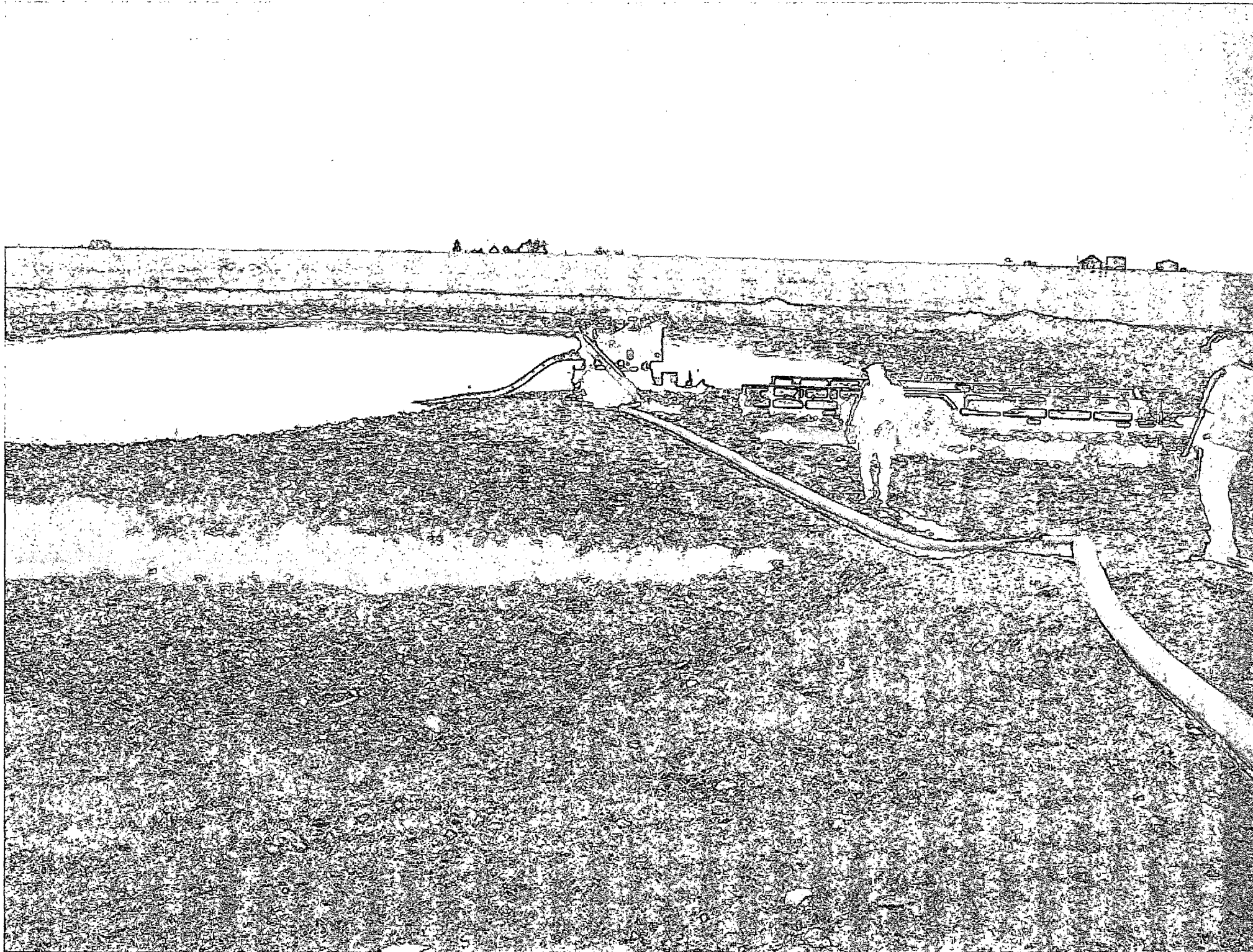


Surface area of approximately 0.529 acre.
More than 50 truck loads of salt impacted soil were removed.









ISRAMCO ST. NBF LEAK EAST AREA

PHOTO 4



PHOTO 5



NORTH



PHOTO 6



STOCK PILE
AREA

72'

18'

DYNEGY P/L

STOCK PILE
AREA

PHOTO 7



102'L x 35'W

170'L x 45'W

PHOTO 2



77'

26'

164'

ALL AREAS EXCAVATED
EXCEPT FOR GREEN AREA

PHOTO 3



WILL BE PLANNING TO SAMPLE
ALL EXCAVATED AREA, SIDE WALLS
AND STOCKPILES ON 8-11-10

26'

43'

PHOTO 1



ISRAMCO NBF LEAK CLEAN UP MANIFEST LIST

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

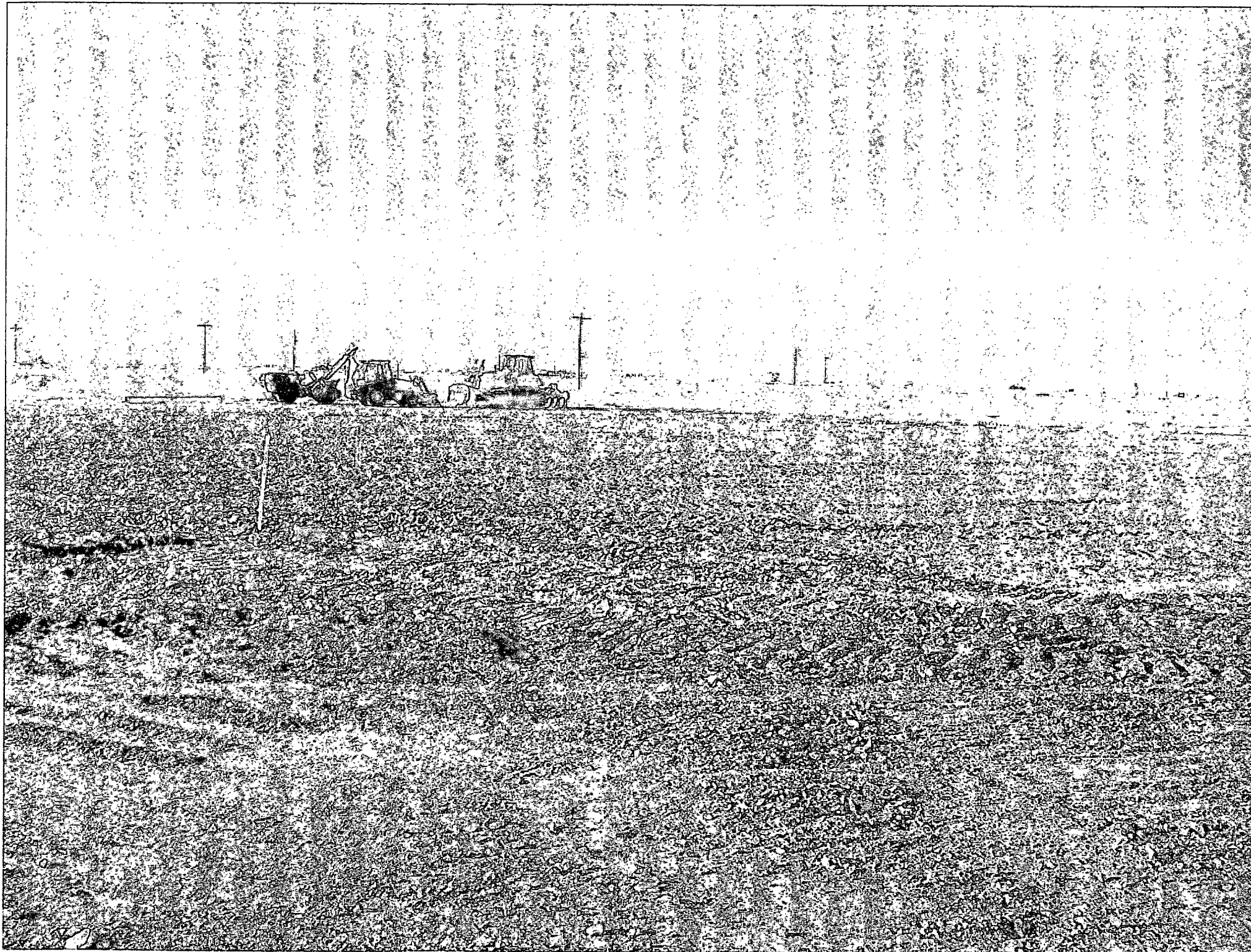
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43	7/5/10	44923	14		
44		45010	12		
45		45011	14		
46		45012	12		
47		45013	14		
48		45014	12		
49		45015	14		
50		45016	12		
51		45017	14		
52		45018	12		
53		45019	14		
54		45020	12		
55		45021	14	13	170
56	7/6/10	45046	14		
57		45047	12		
58		45048	14		
59		45049	12		
60		45050	14		
61		45077	12		
62		45078	14		
63		45079	12		
64		45080	14		
65		45082	12		
66		45083	14		
67		45084	12		
68		45085	14		
69		45086	12		
70		45087	14		
71		45088	12	16	208
72	7/7/10	45089	14		
73		45091	12		
74		45094	14		
75		45095	12		
76		45096	12		
77		45097	14		
78		45098	12		
79		45099	14		
80		45100	12		
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83		45390	14		
84		45391	14		
85		45392	12		

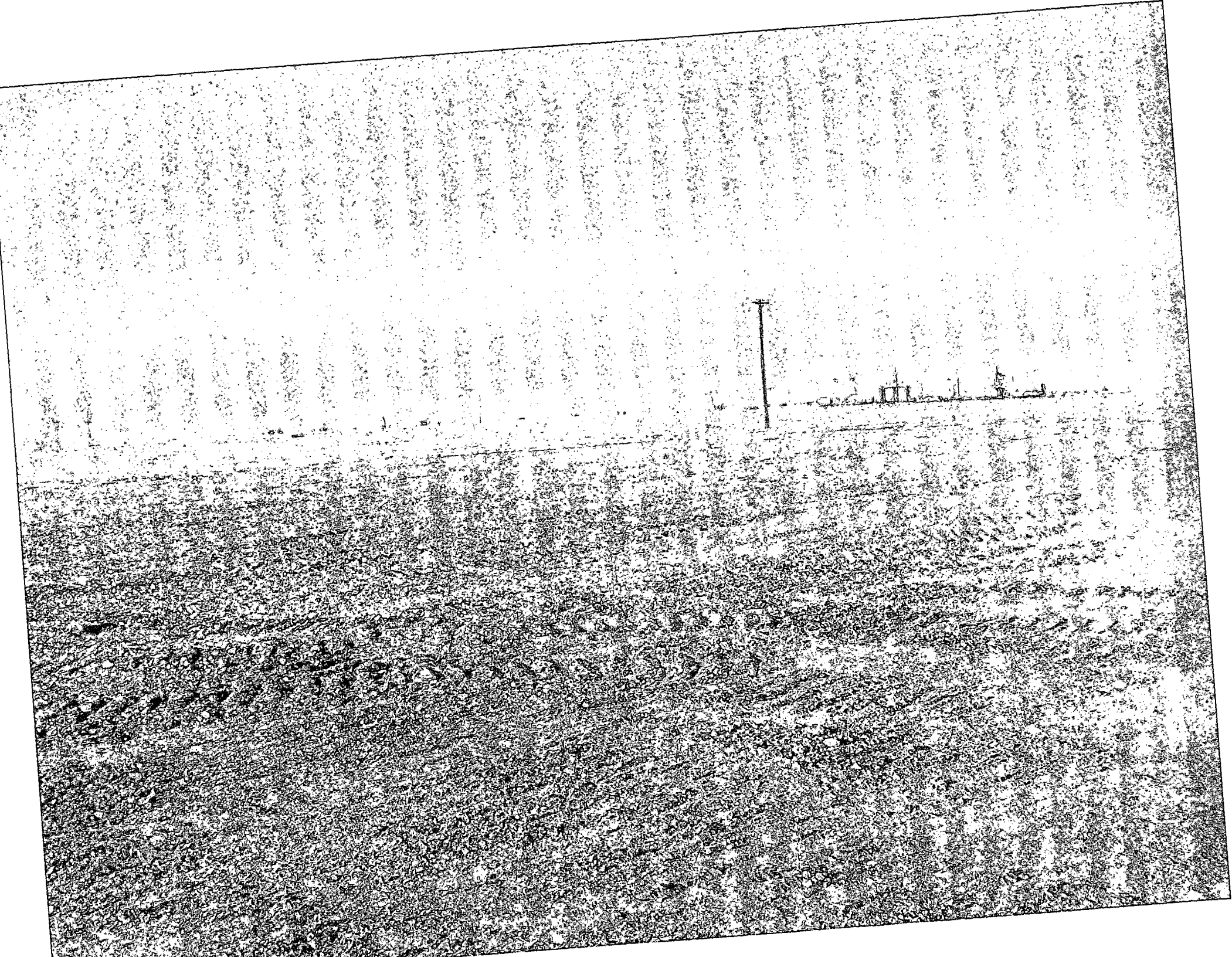
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92		45400	12		
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97		45512	12		
98		45513	20		
99		45518	12		
100		45519	20		
101		45520	14	20	302
102	7/13/10	45248	12		
103		45249	12		
104		45250	14		
105		45408	12		
106		45409	14		
107		45410	12		
108		45411	14		
109		45412	12		
110		45413	14		
111		45414	12		
112		45415	14		
113		45416	12		
114		45417	14	13	168
115	7/14/10	45418	14		
116		45419	12		
117		45420	14		
118		45421	12		
119		45422	14		
120		45423	12		
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123		45566	12		
124		45567	14		
125		45569	14		
126		45570	12		
127		45579	14		
128		45580	12	14	182
129		45433	14		
130		45434	12		

131	7/15/10	45435	14		
132		45436	12		
133		45437	14		
134		45438	12		
135		45439	14		
136		45440	12		
137		45441	12		
138		45442	14		
139		45583	12		
140		45584	14	12	156
141		7/16/10	45443	14	
142	45444		12		
143	45445		20		
144	45446		12		
145	45481		14		
146	45482		20		
147	45483		12		
148	45484		14		
149	45485		20		
150	45486		12		
151	45488		14		
152	45489	12			
153	45493	14	13	190	
154	7/19/10	45291	12		
155		45292	14		
156		45293	12		
157		45294	14		
158		45295	14	5	66
			158	2194	

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 Page 1
Inv #: 24244
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 Environmental
1101 W. Broadway
Tatum, NM 88267

Type: Sale	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	
DESCRIPTION Lot Code	QUANTITY	NET PRICE Special	EXTENSION Royalties

1 Annual Ryegrass, Gulf 17091	SHIP	69.400 lbs	\$0.650 /lb	\$45.11
2 Sideoats Grama, Vaughn 16670	SHIP	34.7 PLS	\$8.50 /PLS	\$294.95
3 Blue Grama, Not Stated 16313	SHIP	34.7 PLS	\$8.00 /PLS	\$277.60
4 Freight	SHIP	0.000 lbs	\$77.490 /lb	\$77.49

Total Lines: \$695.15
Sales Taxes: \$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

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

CURTIS AND CURTIS
4500 N. PRINCE
CLOVIS, NM 88101
(505) 762-4759

Sale

MTD: 542929802519702
TID: 466307
11/22/10
Batch #: 68

14:26:37

MASTERCARD

XXXXXXXXXXXX6213M

Appr Code: 01589Z Inv#: 000001

Total: \$ 698.56

I agree to pay above total
amount according to card
issuer agreement (Merchant
agreement if credit voucher)

APPROVED 01589Z

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, sub-contractors and exchange phone numbers.

4.2 A tailgate safety meeting shall be held and documented each day. All sub-contractors 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 B1 H19950-1 & 2	5'	5/20/10	bored, bit returns	1255	470								
	10'			2518	341								
	15'			2088	255								
	20'			2221	463	<0.050	<0.050	0.187	2.04	222	2,220		560
	25'			3580	646								736
NBF Leak Source B2 H19950-4&5	5'	5/20/10	bored, bit returns	10.6	2853								
	10'			22	876								
	15'			0	269	<0.050	<0.050	<0.050	<0.050	<10.0	13		192
	20'			23.3	280								256
NBF Leak B3 H19950-3	Surface	5/21/10	bored, bit returns	0	13,972								
	5'			0	1479								
	10'			0	734	<0.050	<0.050	<0.050	0.342	<10.0	13		608
	11'		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 caliche, bored at site for 1hr advanced only 1', unable to retrieve sample. Will set up contractor and use backhoe to excavate and retrieve samples needed.										
NBF Leak B4 H20029-1&2	5'bgs	5/31/10	excavated backhoe	2.3	276	<0.050	<0.050	<0.050	<0.300	<10.0	<10.0		336
	6'bgs			3.1	139	<0.050	<0.050	<0.050	<0.300	<10.0	<10.0		144
NBF TB Excavation 37'e/w x 87'n/s H20183-1,2,3,4	N. wall	6/22/10	in-situ	250		<0.050	1.91	2.35	20.2	1150	4530		16
	S. wall			0.1						<10.0	333		192
	E. wall			150		<0.050	<0.051	0.239	2.69	132	2660		1150
	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)	TPH (mg/Kg)	Chloride (mg/Kg)
NBF TB Excavation 42'e/w x 90'n/s H20183-1,2,3,4	N. wall 5 pt. comp	6/22/2010	excavated	550	N/A	<0.050	1.91	2.35	20.2	1150	4530		16
	S. wall 5 pt comp			9.0						<10.0	333		192
	E. wall 5pt comp			150		<0.050	<0.050	0.2398	2.69	132	2660		1150
	W. wall 5pt comp			1.0						<10.0	<10.0		592
Tank Battery Excavation Bore #1,2,3 & 4 H020581-01, 02,03,	B1 23'	8/3/2010 hole size 86'L x 42'W x 18'bgs	bored, bit returns	2199	65	<0.050	1.07	0.546	6.99				48
	B1 28'			2595	82								
	B1 33'			2648	133								
	B2 23'			47.7	69								32
	B2 28'			20.6	132								
	B2 33'			8.7	90								
	B3 23'			1592	66	<0.050	0.232	0.145	1.22				16
	B3 28'			528	67								
	B3 33'			N/A	69								
	B4 23'			19.7	70								
	B4 28'			9.6	104								
	B4 33'			7.7	321								
Tank Battery Excavation Bore #5,6 & 7 H020581-04, 05	B5 23'	8/4/2010 hole size 86'L x 42'W x 18'bgs	bored, bit returns	2353	81	<0.050	1.78	0.832	12.4				<16
	B5 28'			632	54								
	B5 33'			708	199								
	B6 23'			1275	60	<0.050	0.726	0.274	5.54				16
	B6 28'			973	132								
	B6 33'			735	182								
	B7 23'			26.1	49								
	B7 28'			51.6	103								
	B7 33'			13.8	76								
Comp. of Bore #1,2,3,5,&6 @ 23'bgs H020581-06	23'					<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 area samples H020645-1, 2,3 & 4	E. stockpile 30 pt comp	8/11/10	excavated and blended							<10.0	<10.0		288
	W. stockpile 50 pt comp		excavated and blended							<10.0	<10.0		816
	area 43' x 26'w x 5'bgs		bttm 5pt comp insitu	6.1	1260								
	e. wall 5pt comp		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

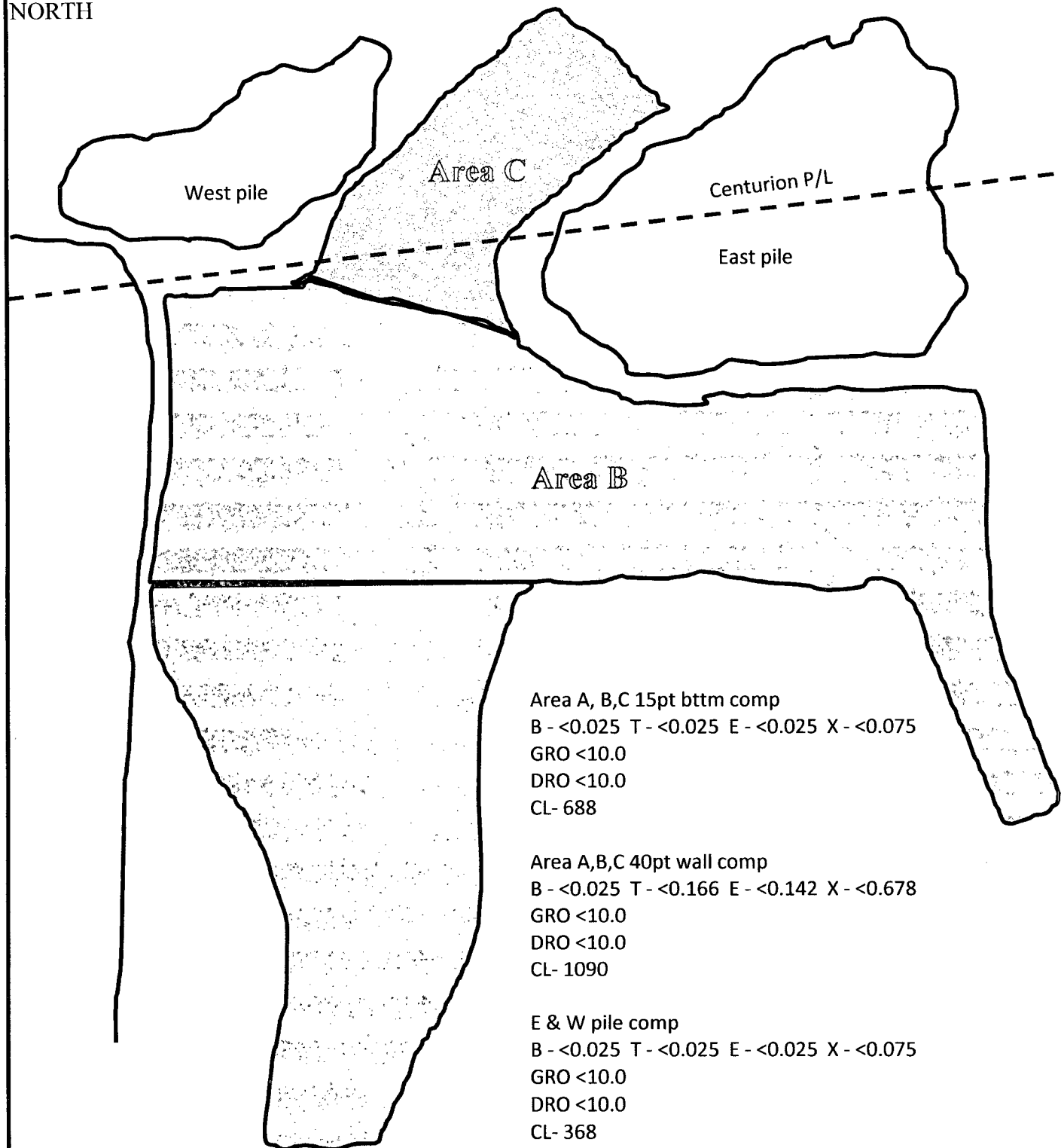
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Soil Sample ID.	Depth (Feet)	Sample Date	Soil Status	PID Reading (ppm)	Field Chloride Analysis (ppm)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethyl-benzene (mg/Kg)	Total Xylenes (mg/Kg)	GRO (C6-C10) (mg/Kg)	DRO (C10-C28) (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
East area final samples H021021-10,11,12,13,14,15, & 16	area B w. wall 5pt comp	10/7/10	in-situ										1870
	area A bttm 5pt comp												80
	area A e. wall 5pt comp												672
	area A w. wall 5pt comp												768
	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
H021082-1,2,3,4,5,6,7	n. wall 10 pt comp	10/14/10	Initial leak area source excavation final samples in-situ			<0.050	<0.050	<0.050	<0.150	<10.0	<10.0		1360
	s. wall 10 pt comp					<0.050	<0.050	<0.050	<0.150	<10.0	<10.0		1410
	e. wall 10 pt comp					<0.050	<0.050	<0.050	<0.150	<10.0	<10.0		2440
	4 wall 40 pt comp					<0.050	<0.050	<0.050	<0.150	<10.0	<10.0		1440
	bottom 20 pt comp					<0.050	<0.050	<0.050	<0.150	<10.0	<10.0		1360
	area I bttm 5pt comp					<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 & 9	area III 5pt comp	10/14/10	initial leak area source			<0.050	<0.050	<0.050	<0.150	<10.0	<10.0		624
	area IV 5pt comp		excavtion 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

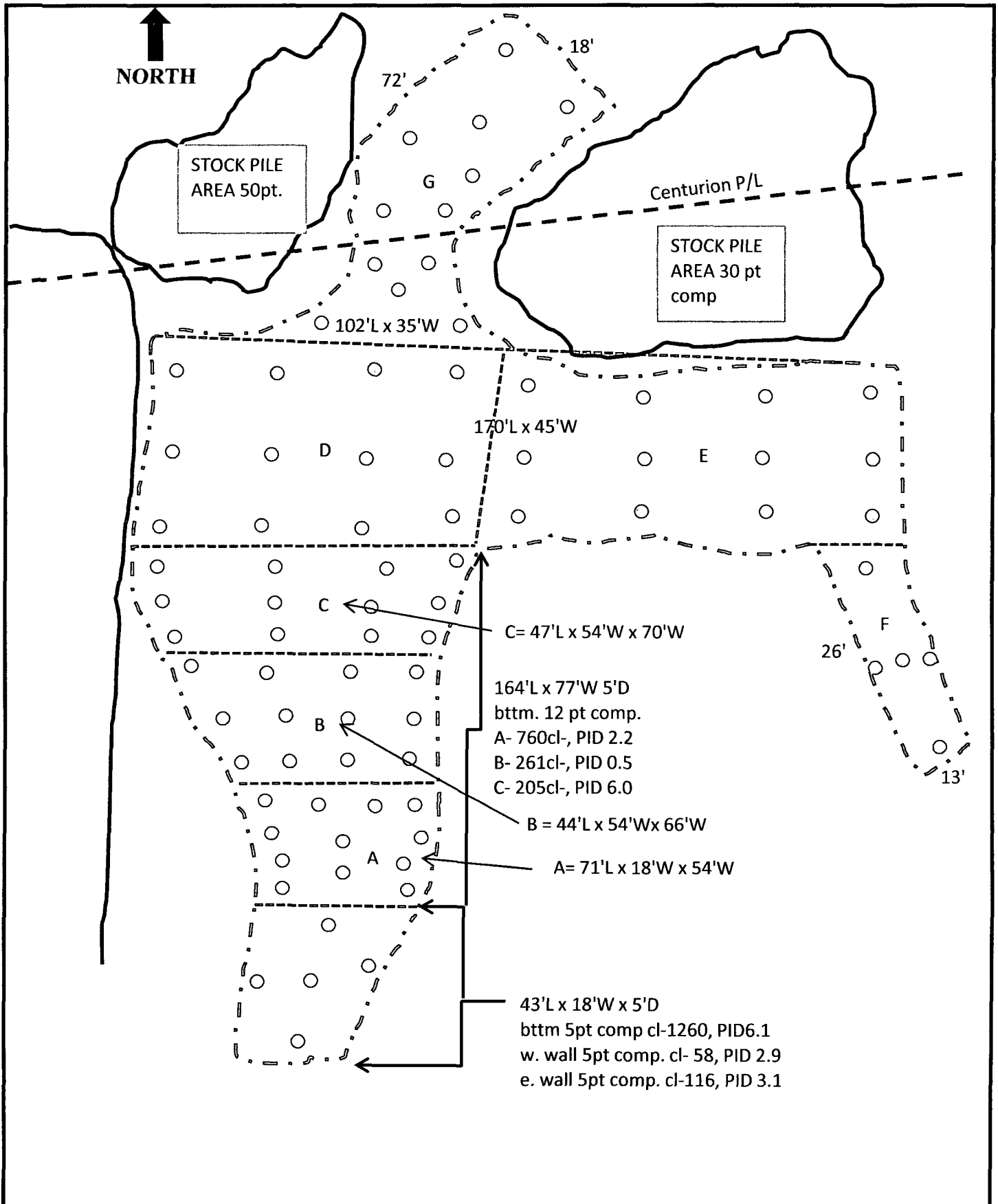
ISRAMCO ST. NBF LEAK EAST AREA

1RP-10-6-2567



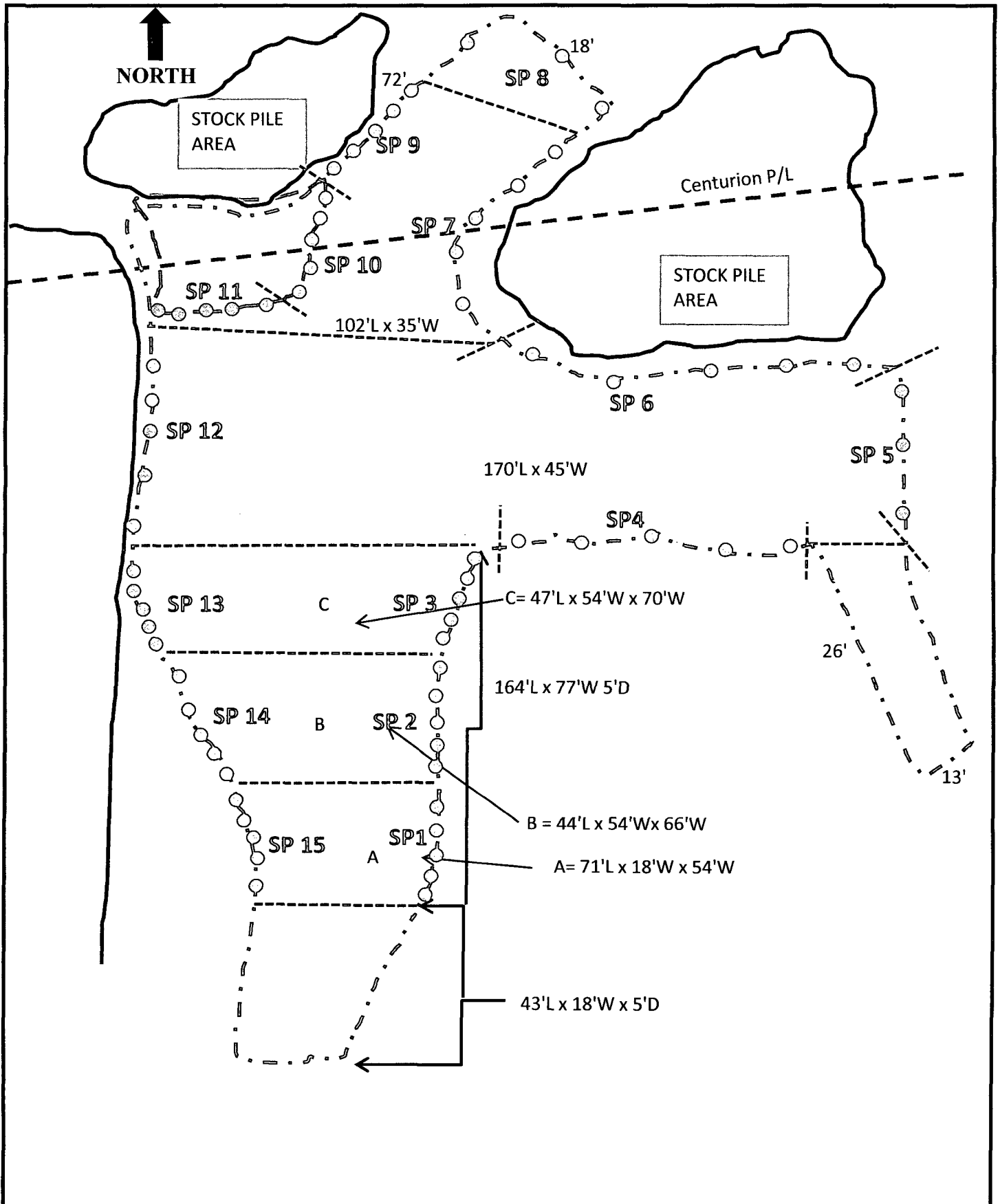
ISRAMCO ST. NBF LEAK EAST AREA

8/14/2010



ISRAMCO ST. NBF LEAK EAST AREA
1RP-10-6-2567

8/31/2010



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 Hydrocarbons

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

Cardinal Laboratories is accredited 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

Analytical Results For:

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		Analyzed 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 COMP. (H021020-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	10/11/2010	ND	416	104	400	0.00	

Sample ID: AREA C BTM 5 PT COMP (H021020-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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. WALL 5 PT COMP (H021020-04)

Chloride, SM4500Cl-B	mg/kg		Analyzed 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. WALL 5 PT COMP (H021020-05)

Chloride, SM4500Cl-B	mg/kg		Analyzed 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	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 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 B BTM 5 PT COMP (H021020-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
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. WALL 5 PT COMP (H021020-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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. WALL 5 PT COMP (H021020-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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. WALL 5 PT COMP (H021020-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	10/11/2010	ND	416	104	400	0.00	

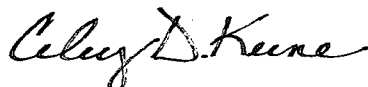
Sample ID: AREA B W. WALL 5 PT COMP (H021020-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1870	16.0	10/11/2010	ND	416	104	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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 BTM 5 PT COMP (H021020-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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. WALL 5 PT COMP (H021020-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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	

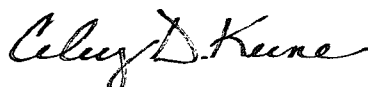
Sample ID: AREA A W. WALL 5 PT COMP (H021020-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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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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, B, C, WALL 15 PT COMP (H021020-14)

BTX 8021B		mg/kg		Analyzed 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		Analyzed 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		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/11/2010	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 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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, BTM 40 PT COMP (H021020-15)

BTEX 8021B		mg/kg		Analyzed 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		Analyzed 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		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/11/2010	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

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

BTX 8021B		mg/kg		Analyzed 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) 100 % 80-120

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/11/2010	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 119 % 70-130

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL LABORATORIES

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 ENVIRONMENTAL INC.										BILL TO		ANALYSIS REQUEST																		
Project Manager:		ROY R. RASCON										P.O. #:																				
Address:												Company:																				
City:		State:		Zip:												Attn:																
Phone #:		Fax #:												Address:																		
Project Owner:												City:																				
Project Name:		Isramco St. NBF Leak E. Area										State:		Zip:																		
Project Location:		TATUM, NM										Phone #:																				
Sampler Name:		Roy R. Rascon										Fax #:																				
FOR LAB USE ONLY LAB ID #	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.				SAMPLING		CATS & ANS	PH	BTEX	CL-	TPH 418.1	801SM												
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME																		
H210201	E. Pile comp	C	1			X					X			10/7/10	500				X													
2	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													
4	Area C e. wall 5pt comp	C	1			X					X			10/7/10	450				X													
5	Area C w. wall 5pt comp	C	1			X					X			10/7/10	445				X													
6	Area B bttm 5pt comp	C	1			X					X			10/7/10	101				X													
7	Area B n. wall 5pt comp	C	1			X					X			10/7/10	421				X													
8	Area B s. wall 5pt comp	C	1			X					X			10/7/10	412				X													
9	Area B e. wall 5pt comp	C	1			X					X			10/7/10	406				X													
10	Area B w. wall 5pt comp	C	1			X					X			10/7/10	416				X													

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Relinquished By: ELLIOT WERNER	Date: 10-2-10 Time: 7:45	Received By:	Phone Result: Yes No Fax Result: Yes No	Add'l Phone #: Add'l Fax #:
Relinquished By:	Date: 10/9/10 Time: 7:45	Received By: Jodi Benson	REMARKS: PLEASE E-MAIL TO: royr , mikeg, elliottw, & mcgriffin@vadose.us RUSH!!	
Delivered By: (Circle One) Sampler UPS - Bus - Other:	Sample Condition Cool Intact Yes No	CHECKED BY: (Initials) JWR		

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

#26

[illegible]

Relinquished By: Roy R. Rascon <i>Roy R. Rascon</i>		Date: <i>10-8-10</i>		Received By:		Phone Result: Yes No		Add'l Phone #:	
		Time:				Fax Result: Yes No		Add'l Fax #:	
Relinquished By:		Date: <i>10/8/10</i>		Received By: <i>Godi Benson</i>		REMARKS: PLEASE E-MAIL TO: royr , mikeg, elliotw, & mcgriffin@vadose.us			
		Time: <i>1:45</i>							
Delivered By: (Circle One)		Sample Condition		CHECKED BY: (Initials)					
<input checked="" type="radio"/> Sampler - <input type="radio"/> UPS - <input type="radio"/> Bus - <input type="radio"/> Other:		Cool Intact <i>2.50</i> Yes No No Yes		<i>AB</i>					

26

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 Hydrocarbons

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

Cardinal Laboratories is accredited 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

Analytical Results For:

WHOLE EARTH ENVIRONMENTAL, INC.
ROY R. RASCON
2103 ARBOR COVE
KATY TX, 77494
Fax To: (281) 394-2051

Received: 09/14/2010
Reported: 09/21/2010
Project Name: ISRAMCO NBF
Project Number: NOT GIVEN
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		Analyzed 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, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

WHOLE EARTH ENVIRONMENTAL, INC.
ROY R. RASCON
2103 ARBOR COVE
KATY TX, 77494
Fax To: (281) 394-2051

Received: 09/14/2010
Reported: 09/21/2010
Project Name: ISRAMCO NBF
Project Number: NOT GIVEN
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 23'>28' BGS COMP. (H020842-02)

BTEX 8021B		mg/kg		Analyzed 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		Analyzed 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		Analyzed 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

Surrogate: 1-Chlorooctadecane 63.8 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

WHOLE EARTH ENVIRONMENTAL, INC.
ROY R. RASCON
2103 ARBOR COVE
KATY TX, 77494
Fax To: (281) 394-2051

Received: 09/14/2010
Reported: 09/21/2010
Project Name: ISRAMCO NBF
Project Number: NOT GIVEN
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 28'>33' BGS COMP. (H020842-03)

BTEX 8021B			mg/kg		Analyzed 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		Analyzed 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		Analyzed By: AB				
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	

TPH 8015M			mg/kg		Analyzed By: AB				
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

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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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Celey D. Keene, Lab Director/Quality Manager

[illegible]

Relinquished By: ROY R. RASCON <i>Roy R. Rascon</i>	Date: 12-10-95 Time: 7:50	Received By: <i>Gadi Benson</i>	Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	CHECKED BY: <i>[Signature]</i> (Initials)	Phone Result: Yes No Add'l Phone #: Fax Result: Yes No Add'l Fax #:
Relinquished By:	Date: Time:	Received By:	REMARKS: PLEASE E-MAIL TO: royr , mikeg, elliotw, & mcgriffin@vadose.us		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:					

#26



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 Hydrocarbons

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

Cardinal Laboratories is accredited 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

Analytical Results For:

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		Analyzed 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		Analyzed 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		Analyzed 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		Analyzed 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 %	70-130							

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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		Analyzed 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		Analyzed 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							

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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

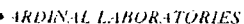
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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

#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 Hydrocarbons

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

Cardinal Laboratories is accredited 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

Analytical Results For:

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:	Soil
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	Analyzed 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*	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 % 80-120

Chloride, SM4500Cl-B		mg/kg		Analyzed 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' BGS (H020581-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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:	Soil
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 # 3 @ 23' BGS (H020581-03)

BTEX 8021B		mg/kg		Analyzed 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*	0.232	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, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/09/2010	ND	416	104	400	3.77	

Sample ID: BORE # 5 @ 23' BGS (H020581-04)

BTEX 8021B		mg/kg		Analyzed 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*	1.78	0.050	08/11/2010	ND	0.842	84.2	1.00	6.91	
Ethylbenzene*	0.832	0.050	08/11/2010	ND	0.833	83.3	1.00	6.93	
Total Xylenes*	12.4	0.150	08/11/2010	ND	2.66	88.7	3.00	7.12	

Surrogate: 4-Bromofluorobenzene (PIL) 105 % 80-120

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/09/2010	ND	416	104	400	3.77	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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:	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
Project Location:	TATUM, NM		

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

BTEX 8021B		mg/kg		Analyzed 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*	0.726	0.050	08/11/2010	ND	0.842	84.2	1.00	6.91	
Ethylbenzene*	0.274	0.050	08/11/2010	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		Analyzed 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	432	108	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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:	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
Project Location:	TATUM, NM		

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

BTEX 8021B		mg/kg	Analyzed 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	ND	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	Analyzed 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	432	108	400	0.00	

TPH 8015M		mg/kg	Analyzed By: AB						
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 % 70-130

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

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

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Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: WHOLE EARTH ENVIRONMENTAL INC.				BILL TO				ANALYSIS REQUEST																							
Project Manager: ROY R. RASCON				P.O. #:																											
Address:				Company:																											
City: State: Zip:				Attn:																											
Phone #: Fax #:				Address:																											
Project Owner:				City:																											
Project Name: ISRAMCO ST. NBF BATT. CLEAN UP				State: Zip:																											
Project Location: TATUM, NM				Phone #:																											
Sampler Name: ROY R. RASCON				Fax #:																											
FOR LAB USE ONLY LAB ID #	SAMPLE ID.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.			SAMPLING		CATS & ANS	PH	BTX	CL	TPH 418.1	8015M												
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE/COOL	OTHER	DATE															TIME			
H20381-1	BORE #1 @ 23'BGS	G	1			X				X			8/3/10	1010			X	X													
2	BORE #2 @ 23'BGS	G	1			X				X			8/3/10	1200		RRR	X	X													
3	BORE #3 @ 23'BGS	G	1			X				X			8/3/10				X	X													
4	BORE #5 @ 23'BGS	G	1			X				X			8/4/10	1025			X	X													
5	BORE #6 @ 23'BGS	G	1			X				X			8/4/10	1156			X	X													
6	COMP. OF BORE #1, 2, 3, 5, & 6 @ 23'BGS	C	1			X						X	8/4/10	1253			X	X		X											

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Relinquished By: Roy R. Rascon	Date: 8-9-10 Time: 9:25	Received By:	Phone Result: Yes No Fax Result: Yes No	Add'l Phone #: Add'l Fax #:
Relinquished By: Roy R. Rascon	Date: 8/9/10 Time: 9:25	Received By: Jodi Benson	REMARKS: PLEASE E-MAIL TO: royr , mikeg, elliotw, & mcgriffin@vadose.us	
Delivered By: (Circle One)	Sample Condition: Cool Intact Yes No	CHECKED BY: JGR		
Sampler - UPS - Bus - Other:				

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

#26



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

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.

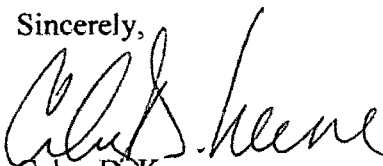
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.2	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

This report conforms with NELAP requirements.



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

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
Project Name: STATE NBF
Project Location: TATUM, NM

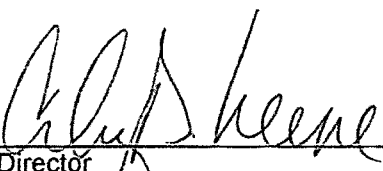
Sampling Date: 06/29/10
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 4°C
Sample Received By: JH
Analyzed By: AB/CK/ZL/HM

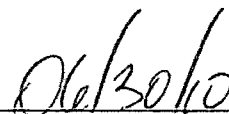
LAB NO.	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	CI* (mg/kg)
ANALYSIS DATE:		06/30/10	06/30/10	06/30/10	06/30/10	06/30/10	06/30/10	06/30/10
H20240-1	NORTH WALL	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	656
H20240-2	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 Director


Date

H20240 TBCL WEE

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CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RUSA

Company Name: <u>Whole Earth Env</u>				BILL TO				ANALYSIS REQUEST											
Project Manager: <u>Elliott Werner</u>				P.O. #:				<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">SOI/SM</div> </div>											
Address: <u>2103 Arbor Cove</u>				Company: <u>Sample</u>															
City: <u>Katy</u> State: <u>TX</u> Zip: <u>77494</u>				Attn:															
Phone #: <u>281-894-2052</u> Fax #: <u>2051</u>				Address:															
Project #: _____ Project Owner: <u>ESRAMCO</u>				City:															
Project Name: <u>State NBF</u>				State: _____ Zip: _____															
Project Location: <u>Tatum NMA</u>				Phone #:															
Sampler Name: <u>Elliott Werner</u>				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.		SAMPLING									
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME					
<u>H20240-1</u>	<u>North Wall</u>	<u>C</u>	<u>1</u>			<input checked="" type="checkbox"/>							<u>6/29</u>	<u>235P</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
<u>2</u>	<u>East Wall</u>	<u>C</u>	<u>1</u>			<input checked="" type="checkbox"/>							<u>6/29</u>	<u>234P</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			

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 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <u>[Signature]</u>	Date: <u>6/29/0</u>	Received By: _____	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #: _____
Time: <u>4:10 PM</u>			Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #: _____
Relinquished By: _____	Date: _____	Received By: <u>Jodi Jensen</u>	REMARKS:	
Time: _____				
Delivered By: (Circle One)				
Sampler - UPS - Bus - Other:	<u>4°C</u>	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	CHECKED BY: <u>[Signature]</u>	

FORM-006
Revision 1.0

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

#26



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

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
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 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 524.2	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. Keene
Laboratory Director

This report conforms with NELAP requirements.



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

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

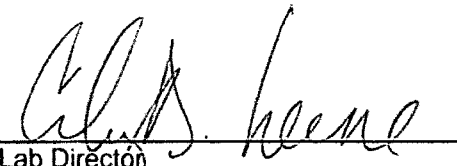
Sampling Date: 06/22/10
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 4°C
Sample Received By: JH
Analyzed By: AB/HM

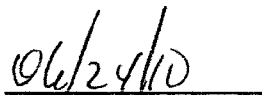
LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	CI* (mg/kg)
		06/23/10	06/23/10	06/23/10
H20183-1**	NORTH WALL	1,150	4,530	16
H20183-2	SOUTH WALL	<10.0	333	192
H20183-3**	EAST WALL	132	2,660	1,150
H20183-4	WEST WALL	<10.0	<10.0	592
Quality Control		481	583	500
True Value QC		500	500	500
% Recovery		96.2	117	100
Relative Percent Difference		1.8	1.5	< 0.1

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

*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.


Lab Director


Date

H20183 TCL WEE

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



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ANALYTICAL RESULTS FOR
WHOLE EARTH ENVIRONMENTAL, INC.
ATTN: ELLIOT WERNER
2103 ARBOR COVE
KATY, TX 77494
FAX TO: (281) 394-2051

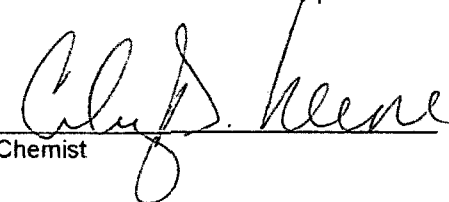
Receiving Date: 06/22/10
Reporting Date: 06/23/10
Project Owner: ISRAMCO
Project Name: STATE NBF
Project Location: TATUM, NM

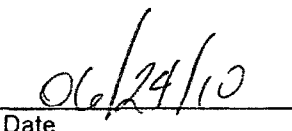
Sampling Date: 06/22/10
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 4°C
Sample Received By: JH
Analyzed By: ZL

LAB NO.	SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL 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


Date

H20183 BTEX WEE

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 analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Result relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Whole Earth Env</u>				BILL TO				ANALYSIS REQUEST																				
Project Manager: <u>Elliot Warner</u>				P.O. #:																								
Address: <u>2103 Arber Cove</u>				Company:																								
City: <u>Katy</u> State: <u>TX</u> Zip: <u>77494</u>				Attn:																								
Phone #: <u>(281) 394-2050</u> Fax #: <u>394-2051</u>				Address:																								
Project #: _____ Project Owner: <u>ISRAACO</u>				City:																								
Project Name: <u>State NISF</u>				State: _____ Zip: _____																								
Project Location: <u>TATUM</u>				Phone #: _____																								
Sampler Name: <u>Elliot Warner</u>				Fax #: _____																								
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME														
H20183-1	North Wall	C	1			✓					✓		6/22	2 PM	✓	✓	✓											
2	South Wall	C	1			✓					✓		6/22	1:10	✓	✓	✓											
3	East Wall	C	1			✓					✓		6/22	1 PM	✓	✓	✓											
4	West Wall	C	1			✓					✓		6/22	1 PM	✓	✓	✓											

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Relinquished By: <u>Elliot Warner</u>	Date: <u>6-22-10</u>	Received By: _____	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #: _____
Time: <u>3:30</u>	Time: _____	Time: _____	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #: _____
Relinquished By: _____	Date: _____	Received By: <u>Jodi Benson</u>	REMARKS: <u>Rush please!! ew</u>	
Time: _____	Time: _____	Time: _____		
Delivered By: (Circle One)	Sample Condition	CHECKED BY: <u>[initials]</u>		
Sampler - UPS - Bus - Other: <u>UPS</u>	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>			
	<input type="checkbox"/> Yes <input type="checkbox"/> No			

FORM-006
Revision 1.0

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

#26



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 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 524.2	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



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

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

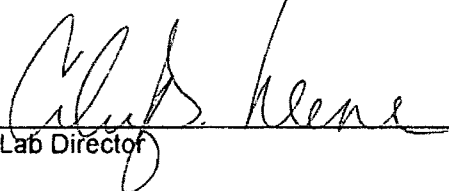
LAB NO.	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	CI* (mg/kg)
ANALYSIS DATE:		06/08/10	06/08/10	06/07/10	06/07/10	06/07/10	06/07/10	06/04/10
H20029-1** (B4) 5'		<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	336
H20029-2** (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

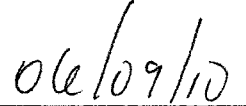
METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B; CI-: Std. Methods 4500-CI-B

*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.

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


Lab Director


Date

H20029 TBCL WEE

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 analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 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 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.



CARDINAL LABORATORIES

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

(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Whole Earth Environmental</u>				BILL TO				ANALYSIS REQUEST																			
Project Manager: <u>Mike Griffin</u>				P.O. #:																							
Address:				Company:																							
City: <u>Katy</u> State: <u>TX</u> Zip:				Attn:																							
Phone #: Fax #:				Address:																							
Project #: Project Owner:				City:																							
Project Name: <u>ISRAMCO NBF</u>				State: Zip:																							
Project Location:				Phone #:																							
Sampler Name: <u>M6</u>				Fax #:																							
FOR LAB USE ONLY						MATRIX		PRESERV.		SAMPLING																	
Lab I.D.	Sample I.D.	(GRAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE/COOL	OTHER:	DATE	TIME													
<u>H20029-</u>																											
	<u>1 (B4) 5'</u>	<u>G</u>	<u>1</u>			<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			<u>5-30-10</u>	<u>12:45</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
	<u>2 (B4) 6'</u>	<u>G</u>	<u>1</u>			<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			<u>"</u>	<u>12:50</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										

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 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <u>[Signature]</u>	Date: <u>6-3-10</u>	Received By: <u>[Signature]</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
	Time: <u>10:45</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:
	Time:		
Delivered By: (Circle One)	Sample Condition	CHECKED BY:	
Sampler - UPS - Bus - Other:	Cool Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	(Initials) <u>CD</u>	

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

#26



CARDINAL LABORATORIES

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

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.

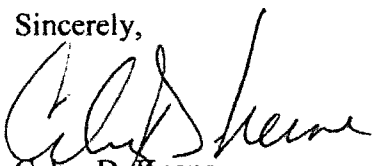
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.2	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. Keene
Laboratory Director

This report conforms with NELAP requirements.



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

ANALYTICAL RESULTS FOR
WHOLE EARTH ENVIRONMENTAL, INC.
ATTN: ELLIOT WERNER
2103 ARBOR COVE
KATY, TX 77494
FAX TO: (281) 394-2051

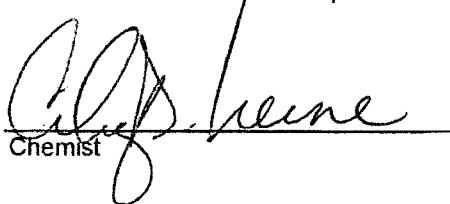
Receiving Date: 03/31/10
Reporting Date: 04/06/10
Project Owner: JAY MGT.
Project Name: NBF
Project Location: TATUM, NM

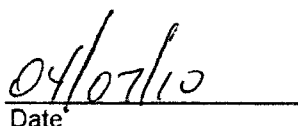
Sampling Date: 03/31/10
Sample Type: SOIL
Sample Condition: COOL & INTACT @3 °C
Sample Received By: JH
Analyzed By: ZL/CK

LAB NO.	SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	418.1 TOTAL 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


Chemist


Date

H19590 BTEX WEE

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



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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

LAB NO.	SAMPLE ID	Cl ⁻ (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.


Chemist


Date

H19590 WEE

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CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

(575) 393-2326 Fax (575) 393-2476

Page ____ of ____

Company Name: <u>Whole Earth</u>				BILL TO		ANALYSIS REQUEST																			
Project Manager: <u>Elliot Werner</u>				P.O. #:		<div style="display: flex; align-items: center; justify-content: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">chloride</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BT EX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">4/8-1</div> </div>																			
Address: <u>2103 Arbor Cove</u>				Company:																					
City: <u>Katy</u> State: <u>TX</u> Zip: <u>77494</u>				Attn:																					
Phone #: <u>281-394-2050</u> Fax #:				Address:																					
Project #: <u>NBF</u> Project Owner: <u>Jay Mgt.</u>				City:																					
Project Name: <u>NBF</u>				State: Zip:																					
Project Location: <u>Tatum</u>				Phone #:																					
Sampler Name: <u>Elliot Werner</u>				Fax #:																					
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING											
										GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		ACID/BASE: ICE / COOL OTHER:		DATE TIME											
		H19390-11B		Tank Puck		1		✓				✓		3/3/10 1145Am											

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Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Sampler Relinquished: <u>Elliot Werner</u>		Date: <u>3/3/10</u>		Received By:		Phone Result: <input type="checkbox"/> No Add'l Phone #:	
		Time: <u>3:pm</u>				Fax Result: <input type="checkbox"/> No Add'l Fax #:	
Relinquished By:		Date: <u>3/3/10</u>		Received By: <u>Joel Benson</u>		REMARKS:	
		Time: <u>3:00</u>					
Delivered By: (Circle One)		Temp: <u>30c</u>		Sample Condition			
Sampler - UPS - Bus - Other:				Cool / Intact		CHECKED BY: <u>JA</u>	
				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No			

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

#26

Analytical Results For:

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

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 (PIL) 95.4 % 80-120

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/18/2010	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

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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: 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: 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 (PII) 105 % 80-120

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	10/18/2010	ND	416	104	400	0.00	

TPH 8015M		mg/kg	Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/18/2010	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

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Whole Earth Enviro.</u>				BILL TO				ANALYSIS REQUEST																			
Project Manager: <u>Mike Griffin</u>				P.O. #:																							
Address:				Company:																							
City: <u>Katy</u> State: <u>TX</u> Zip:				Attn:																							
Phone #: Fax #:				Address:																							
Project #: Project Owner:				City:																							
Project Name: <u>NBF</u>				State: Zip:																							
Project Location:				Phone #:																							
Sampler Name: <u>MG</u>				Fax #:																							
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME													
<u>H21082-1</u>	<u>N Wall 10 ft. comp.</u>	<u>C</u>	<u>1</u>			<u>✓</u>				<u>✓</u>			<u>10-14-10</u>		<u>BTEX</u>	<u>chlorides</u>	<u>8015m</u>										
<u>2</u>	<u>S Wall 11</u>	<u>C</u>	<u>1</u>			<u>✓</u>				<u>✓</u>					<u>✓</u>	<u>✓</u>	<u>✓</u>										
<u>3</u>	<u>E Wall 11</u>	<u>C</u>	<u>1</u>			<u>✓</u>				<u>✓</u>					<u>✓</u>	<u>✓</u>	<u>✓</u>										
<u>4</u>	<u>W Wall 40 ft. comp.</u>	<u>C</u>	<u>1</u>			<u>✓</u>				<u>✓</u>					<u>✓</u>	<u>✓</u>	<u>✓</u>										
<u>5</u>	<u>Bottom 20 ft. comp.</u>	<u>C</u>	<u>1</u>			<u>✓</u>				<u>✓</u>					<u>✓</u>	<u>✓</u>	<u>✓</u>										
<u>6</u>	<u>E - 5 ft comp.</u>	<u>C</u>	<u>1</u>			<u>✓</u>				<u>✓</u>					<u>✓</u>	<u>✓</u>	<u>✓</u>										
<u>7</u>	<u>TL 5 ft comp.</u>	<u>C</u>	<u>1</u>			<u>✓</u>				<u>✓</u>					<u>✓</u>	<u>✓</u>	<u>✓</u>										
<u>8</u>	<u>LL 5 ft comp.</u>	<u>C</u>	<u>1</u>			<u>✓</u>				<u>✓</u>					<u>✓</u>	<u>✓</u>	<u>✓</u>										
<u>9</u>	<u>LV 5 ft comp.</u>	<u>C</u>	<u>1</u>			<u>✓</u>				<u>✓</u>					<u>✓</u>	<u>✓</u>	<u>✓</u>										

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Relinquished By: <u>[Signature]</u>	Date: <u>10/14/10</u>	Received By: <u>[Signature]</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: <u>4:10</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS: <u>RUSH</u>	
	Time: <u>4:10</u>			
Delivered By: (Circle One)	Sample Condition	CHECKED BY: <u>[Signature]</u>		
Sampler - UPS - Bus - Other:	Cool Intact	Initials		
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

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



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 Hydrocarbons

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

Cardinal Laboratories is accredited 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

Analytical Results For:

WHOLE EARTH ENVIRONMENTAL, INC.
MIKE GRIFFIN
2103 ARBOR COVE
KATY TX, 77494
Fax To: (281) 394-2051

Received: 11/01/2010
Reported: 11/04/2010
Project Name: NBF
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 10/28/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

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

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	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		Analyzed 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		Analyzed 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

Surrogate: 1-Chlorooctadecane 89.9 % 70-130

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Whole Earth Enviro</u>				BILL TO				ANALYSIS REQUEST																	
Project Manager: <u>Mike Griffin</u>				P.O. #:																					
Address:				Company:																					
City: <u>Katy</u>		State: <u>TX</u>		Zip:		Attn:																			
Phone #:		Fax #:		Address:		City:																			
Project #:		Project Owner:		State:		Zip:																			
Project Name: <u>NBF</u>				Phone #:																					
Project Location:				Fax #:																					
Sampler Name: <u>McG</u>																									
FOR LAB USE ONLY																									
Lab I.D.		Sample I.D.		GIRAB OR (COMP. # CONTAINERS)		MATRIX		PRESERV.		SAMPLING															
						GROUNDWATER																			
						WASTEWATER																			
						SOIL																			
						OIL																			
						SLUDGE																			
						OTHER:																			
						ACID/BASE:																			
						ICE / COOL																			
						OTHER:																			
						DATE		TIME																	
<u>121187-1</u>		<u>NBF-30</u>		<u>1</u>		<u>✓</u>		<u>✓</u>		<u>10/28/10</u>		<u>200</u>		<u>Chlorides</u>											
														<u>BTEX</u>											
														<u>8015M</u>											
														<u>TPH</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 paid 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date:	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No (Add'l Phone #:
	Time:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No (Add'l Fax #:
Relinquished By:	Date: <u>11/10</u>	Received By: <u>Jodi Benson</u>	REMARKS:
	Time: <u>7:30</u>		
Delivered By: (Circle One)	Sample Condition	CHECKED BY:	
Sampler - UPS - Bus - Other:	Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/>	(Initials)	
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<u>EA</u>	

† 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 10/18/10 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 Hydrocarbons

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

Cardinal Laboratories is accredited 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

Analytical Results For:

WHOLE EARTH ENVIRONMENTAL, INC.
MIKE GRIFFIN
2103 ARBOR COVE
KATY TX, 77494
Fax To: (281) 394-2051

Received: 10/18/2010
Reported: 10/19/2010
Project Name: NBF
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 10/18/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: NBF EXCAVATED PILE (H021089-01)

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	10/19/2010	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		Analyzed 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		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/19/2010	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 % 70-130

Surrogate: 1-Chlorooctadecane 99.1 % 70-130

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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[illegible]

Relinquished By: <i>[Signature]</i>		Date: 10/18/10	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
		Time: 4:10		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:
Relinquished By: <i>[Signature]</i>		Date: 10/18/10	Received By: Jodi Jensen	REMARKS: RUSH
		Time: 4:08		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) JS	

† 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	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 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

Analytical Results For:

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:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

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

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 (PIL) 99.6 % 80-120

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/18/2010	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

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

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 (PIL) 108 % 80-120

Chloride, SM4500Cl-B			mg/kg		Analyzed 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		Analyzed By: AB				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/18/2010	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 % 70-130

Surrogate: 1-Chlorooctadecane 76.4 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

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

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 (PIL) 108 % 80-120

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

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

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 (PIL) 96.6 % 80-120

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/18/2010	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

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

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

BTX 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 (PIL) 101 % 80-120

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/18/2010	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

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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: 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/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 (PII) 99.5 % 80-120

Chloride, SM4500Cl-B		mg/kg	Analyzed 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/kg	Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/18/2010	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 % 70-130

Surrogate: 1-Chlorooctadecane 75.7 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

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 (PIL) 102 % 80-120

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1330	16.0	10/18/2010	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/18/2010	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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Celey D. Keene, Lab Director/Quality Manager