Larson & Associates, Inc.
Environmental Consultants

November 4, 2005

VIA EMAIL: paul.sheeley@state.nm.us

Mr. Paul Sheeley
Environmental Engineer
State of New Mexico - Oil Conservation Division
1625 North French Drive
Hobbs, New Mexico 88240

Re: Soil Remediation Report for Robert Cueto Property, Unit Letter C (NE/4, NW/4), Section 15, Township 22 South, Range 37 East, Lea County, New Mexico

Dear Mr. Sheeley:

This report is submitted to the New Mexico Oil Conservation Division ("OCD") on behalf of John H. Hendrix Corporation ("JHHC") by Larson and Associates, Inc. (LA"), its agent, and presents the results of soil cleanup on property ("Site") owned by Robert Cueto located south of the E. W. Walden tank battery in unit C (NE/4, NW/4), Section 15, Township 22 South, Range 37 East in Lea County, New Mexico. The soil cleanup was performed in accordance with a work plan submitted to OCD on February 21, 2005, as a condition for approval of a plan to investigate an unlined pit at the Will Cary Lease in unit F (SE/4, NW/4), Section 22, Township 22 South, Range 37 East. A global positioning system ("GPS") coordinate for the Site is North 32° 23.837' and West 103° 09.288'. Figure 1 presents a location and topographic map. Figure 2 presents a Site drawing.

Remediation Activity

The cleanup was performed between October 13 and 17, 2005, and involved using a backhoe to excavate approximately 250 cubic yards of hydrocarbon (asphalt) and soil from an area measuring approximately 15 x 230 feet. Soil was excavated to a maximum depth of 3 feet below ground surface ("bgs"), and piled near the west end of the excavation.

Soil samples were collected from the sides and bottom of the excavation on October 18, 2005, using a stainless steel sample trowel. The sample trowel was thoroughly washed between uses with a solution of water and laboratory-grade (Alconox®) detergent and rinsed with distilled water. Laboratory samples were collected in clean 4-ounce glass sample jars, sealed, labeled, chilled in an ice chest and hand-delivered under chain-of-custody control to Environmental Lab of Texas, Inc. ("ELTI") located in Odessa, Texas. Field samples were collected in clean 8-ounce glass sample

John Hendrix - 12024
facility - fPAC 0603726419 application pPAC0603726619

jars, sealed with a layer of aluminum foil before replacing the cap and allowed to reach ambient temperature. A RAE Instruments, Model 2000 photoioization detector ("PID") was calibrated to isobutylene and used to record the highest concentration of organic vapors in the field samples after probe was inserted into the headspace through the aluminum foil. The PID readings are summarized on Table 1.

Referring to Table 1, the highest headspace reading was recorded in sample SS-7 (1.8 ppm), which was analyzed by the laboratory for benzene, toluene, ethyl benzene and xylene (commonly referred to as BTEX) using method SW-846-8021B. The laboratory analyzed all samples for total petroleum hydrocarbons ("TPH"), including gasoline range organics ("GRO") and diesel range organics ("DRO"), using method SW-846-8015, and chloride using method SW-846-9253. Table 1 presents a summary of the laboratory. Appendix A presents the laboratory report and chain-of-custody documentation. Appendix B presents photographs.

Recommended remediation action levels ("RRAL") for benzene, BTEX and TPH were calculated using the following OCD ranking criteria:

Ranking Criteria	Result	Ranking Score
Depth-to-Groundwater	50 – 99 Feet	10
Wellhead Protection Area	>200 Feet (Private)	0
Distance to Surface Water	>1000 Feet	0
	Total Ranking Score:	**10**

Based on the total ranking score (10), the following RRAL are assigned to the Site:

- **Benzene** **10 mg/Kg**
- **Total BTEX** **50 mg/Kg**
- **TPH** **1,000 mg/Kg**

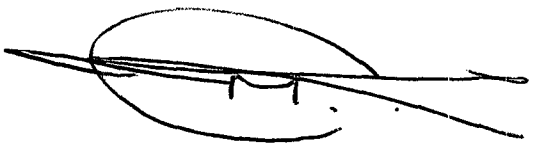
Referring to Table 1, the laboratory reported no BTEX in sample SS-7 above the method reporting limits of 0.025 milligrams per kilogram ("mg/Kg"), respectively. The laboratory also reported the highest TPH concentration in sample SS-7 (498 mg/Kg). The laboratory reported the highest chloride value in sample SS-6 (338 mg/Kg). Based on the laboratory results, JHHC respectfully requests the following:

- Permission to haul the excavated soil for treatment at its OCD permitted surface waste management facility (Permit Number NM-02-0021);
- Permission to fill the excavation with clean soil and seed area with range grasses; and
- A letter from OCD requiring no further action.

Please call Mr. Ron Westbrook at (432) 684-6631, myself at (432) 687-0901 or email: ronniew@jhhc.org or mark@laenvironmental.com.

Sincerely,

Larson and Associates, Inc.



Mark J. Larson, P.G., C.P.G., C.G.W.P.
Senior Hydrogeologist/President

Encl.

cc: Ronnie Westbrook/JHHC
Marvin Burrows/JHHC
Chris Williams/OCD District 1
Larry Johnson/OCD District 1

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Mark E. Fesmire, P.E.
Director
Oil Conservation Division

February 2, 2006

Ronnie Westbrook
John H. Hendrix Corp., (JHC)
110 N. Marienfeld St., Ste. 400
Midland, TX 79701

Re: EW Walden/Robert Cuerto Property-surface clean-up approval
Site Location: UL-C, Sec 15-T22S-R37E
Dated: November 4, 2005

Dear Mr. Westbrook,

New Mexico Oil Conservation Division (OCD) reviewed the plan prepared by Larson & Associates for JHC and referenced above. The plan is **hereby approved** according to the information provided.

Please be advised that OCD approval of this plan does not relieve JHC of liability should their operations fail to adequately investigate and remediate contaminants that threaten ground water, surface water, human health or the environment. In addition, OCD approval does not relieve JHC of responsibility for compliance with any other federal, state, or local laws and/or regulations.

If you have any questions or need assistance please write or call: (505) 393-6161, ext. 113, or e-mail: paul.sheeeley@state.nm.us

Sincerely,

Paul Sheeley-Environmental Engineer
Cc: Robert Cuerto
Wayne Price - Environmental Bureau Chief
Chris Williams - District I Supervisor
Larry Johnson - Environmental Engineer
Mark Larson - Larson & Associates

TABLES

Table 1
Summary of Field and Laboratory Analysis of Soil Samples
John H. Hendrix Corporation, E.W. Walden Tank Battery
Unit Letter C (NE/4, NW/4), Section 15, Township 22 South, Range 37 East
Lea County, New Mexico

Sample Number	Sample Date	Sample Depth (feet BGS)	Location	PID (ppm)	Benzene (mg/kg)	Total BTEX (mg/kg)	GRO (C6-C12) (mg/kg)	DRO (>C12-C35) (mg/kg)	TPH (C6-C35) (mg/kg)	Chloride (mg/kg)
NMOCD - RRAL					**10**	**50**			**1000**	
SS-1	10/18/05	0 - 0.5	Bottom	0.1	--	--	<10	<10	<20	394
SS-2	10/18/05	0 - 0.5	Bottom	0.1	--	--	<10	<10	<20	137
SS-3	10/18/05	0 - 0.5	Bottom	0.1	--	--	<10	<10	<20	30.5
SS-4	10/18/05	0 - 0.5	Bottom	0.1	--	--	<10	6.60	6.60	64.9
SS-5	10/18/05	0 - 0.5	Bottom	0.1	--	--	6.42	148	154.42	87.9
SS-6	10/18/05	0 - 0.5	Bottom	0.1	--	--	<10	<10	<20	338
SS-7	10/18/05	0 - 0.5	Bottom	1.8	<0.025	<0.125	<10	498	498	57
SS-8	10/18/05	0 - 0.5	Bottom	1.7	--	--	<10	189	189	220
SS-9	10/18/05	0 - 0.5	Bottom	0.3	--	--	<10	<10	<20	51.7
SS-10	10/18/05	0 - 0.5	Side	0.1	--	--	<10	<10	<20	21.5
SS-11	10/18/05	0 - 0.5	Side	0.1	--	--	<10	8.33	8.33	18.6
SS-12	10/18/05	0 - 0.5	Side	0.1	--	--	<10	<10	<20	26.9
SS-13	10/18/05	0 - 0.5	Side	0.1	--	--	<10	<10	<20	17.6
SS-14	10/18/05	0 - 0.5	Side	0.1	--	--	<10	<10	<20	17.3
SS-15	10/18/05	0 - 0.5	Side	0.1	--	--	<10	<10	<20	38.8
SS-16	10/18/05	0 - 1	South	0.1	--	--	<10	<10	<20	18.4
SS-17	10/18/05	0 - 1	South	0.1	--	--	<10	<10	<20	181

Notes: All analyses performed by Environmental Lab of Texas, Odessa, Texas

1. **BGS:** Depth in feet below ground surface
2. **PID:** Photoionization detector
3. **ppm:** Parts per million
4. **GRO:** Gasoline-range organics
5. **DRO:** Diesel-range organics
6. **TPH:** Total petroleum hydrocarbons (Sum of GRO + DRO)
7. **mg/kg:** Milligrams per kilogram
8. **—:** No data available
9. **<:** Below method detection limit
10. **RRAL:** NMOCD Recommended Remediation Action Level

FIGURES

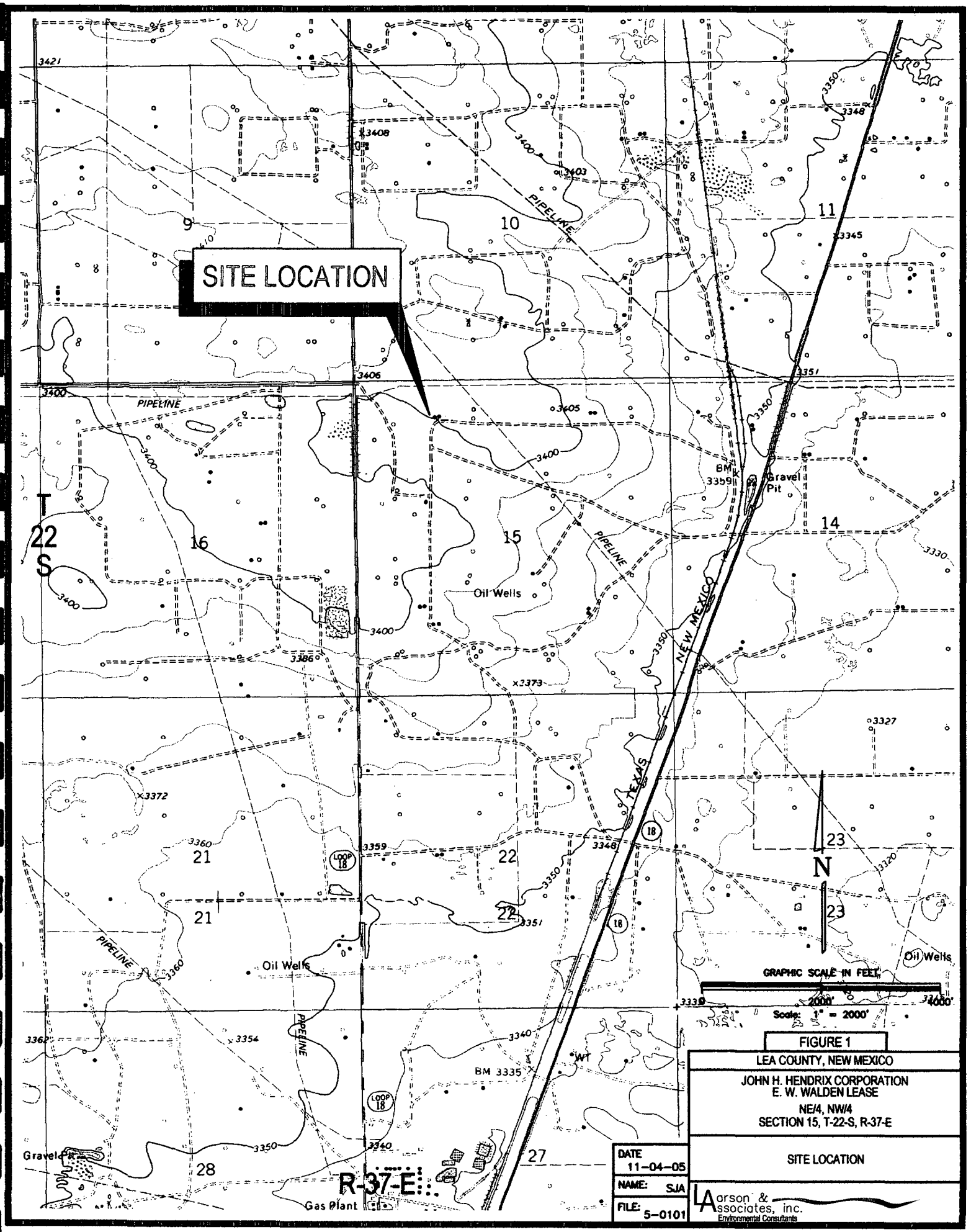


FIGURE 1

LEA COUNTY, NEW MEXICO

JOHN H. HENDRIX CORPORATION
E. W. WALDEN LEASE
NE/4, NW/4
SECTION 15, T-22-S, R-37-E

SITE LOCATION

DATE 11-04-05
NAME: SJA
FILE: 5-0101

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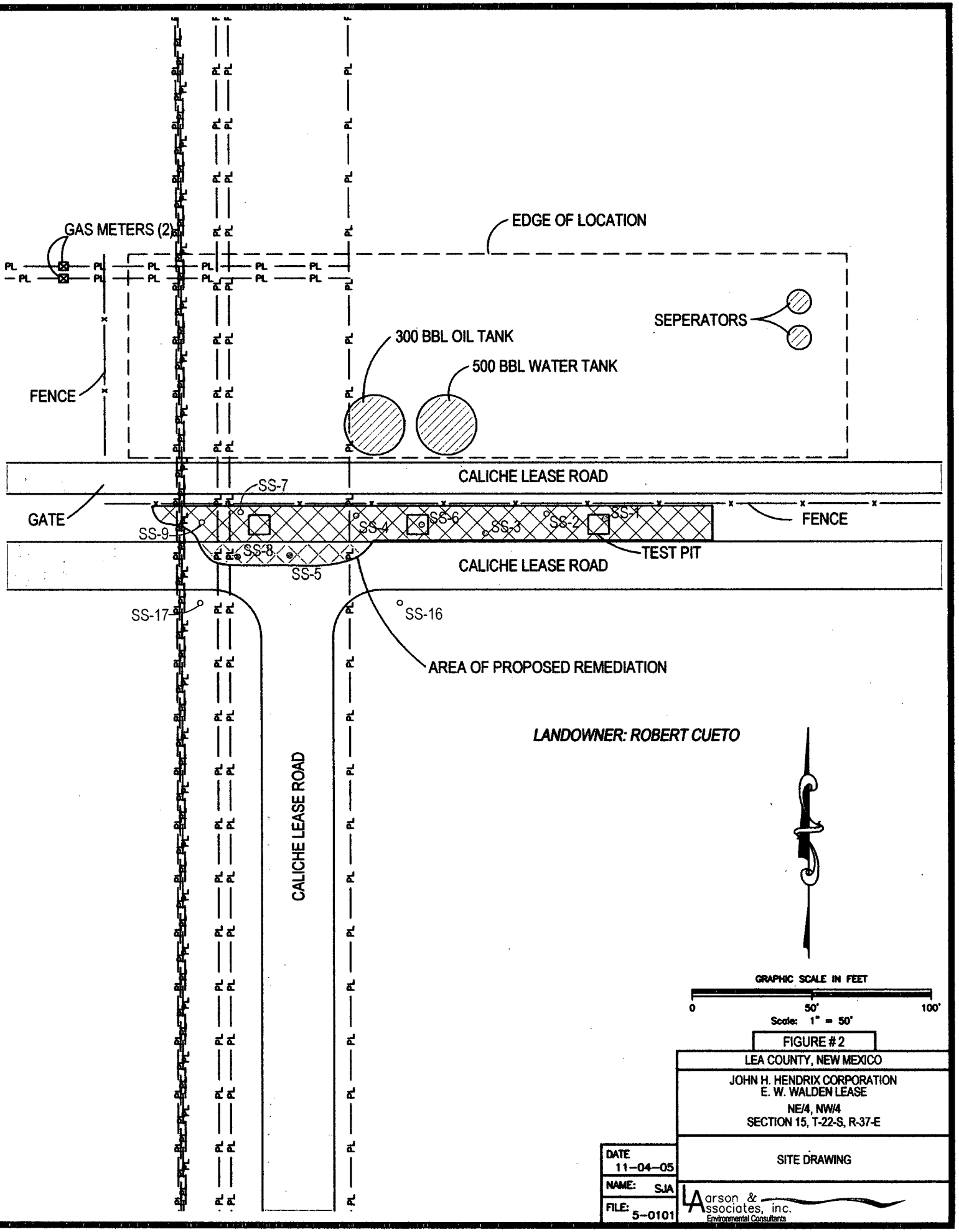

FIGURE # 2

LEA COUNTY, NEW MEXICO

JOHN H. HENDRIX CORPORATION
E. W. WALDEN LEASE
NE/4, NW/4
SECTION 15, T-22-S, R-37-E

SITE DRAWING

DATE	11-04-05
NAME:	SJA
FILE:	5-0101

Larson & Associates, inc.
Environmental Consultants

APPENDIX A

Laboratory Report

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Mark Larson

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: John H. Hendrix/ E.W. Walden

Project Number: 5-0101

Location: None Given

Lab Order Number: 5J19002

Report Date: 10/26/05

Larson & Associates, Inc.	Project: John H. Hendrix/ E.W. Walden	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 5-0101	**Reported:**
Midland TX, 79710	Project Manager: Mark Larson	10/26/05 14:59

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-1	5J19002-01	Soil	10/18/05 08:30	10/19/05 08:30
SS-2	5J19002-02	Soil	10/18/05 08:35	10/19/05 08:30
SS-3	5J19002-03	Soil	10/18/05 08:40	10/19/05 08:30
SS-4	5J19002-04	Soil	10/18/05 08:45	10/19/05 08:30
SS-5	5J19002-05	Soil	10/18/05 08:50	10/19/05 08:30
SS-6	5J19002-06	Soil	10/18/05 09:00	10/19/05 08:30
SS-7	5J19002-07	Soil	10/18/05 09:05	10/19/05 08:30
SS-8	5J19002-08	Soil	10/18/05 09:10	10/19/05 08:30
SS-9	5J19002-09	Soil	10/18/05 09:15	10/19/05 08:30
SS-10	5J19002-10	Soil	10/18/05 09:25	10/19/05 08:30
SS-11	5J19002-11	Soil	10/18/05 09:30	10/19/05 08:30
SS-12	5J19002-12	Soil	10/18/05 09:35	10/19/05 08:30
SS-13	5J19002-13	Soil	10/18/05 09:40	10/19/05 08:30
SS-14	5J19002-14	Soil	10/18/05 09:45	10/19/05 08:30
SS-15	5J19002-15	Soil	10/18/05 09:50	10/19/05 08:30
SS-16	5J19002-16	Soil	10/18/05 10:45	10/19/05 08:30
SS-17	5J19002-17	Soil	10/18/05 10:50	10/19/05 08:30

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-1 (5J19002-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ51908	10/19/05	10/19/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*88.2 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*78.8 %*	*70-130*		"	"	"	"	
SS-2 (5J19002-02) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ51908	10/19/05	10/19/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*89.4 %*	*70-130*		"	"	"	"	
SS-3 (5J19002-03) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ51908	10/19/05	10/19/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*90.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*79.6 %*	*70-130*		"	"	"	"	
SS-4 (5J19002-04) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ51908	10/19/05	10/19/05	EPA 8015M	
Diesel Range Organics >C12-C35	**J [6.60]**	10.0	"	"	"	"	"	"	J
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*96.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*91.6 %*	*70-130*		"	"	"	"	
SS-5 (5J19002-05) Soil									
Gasoline Range Organics C6-C12	**J [6.42]**	10.0	mg/kg dry	1	EJ51908	10/19/05	10/19/05	EPA 8015M	J
Diesel Range Organics >C12-C35	**148**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**148**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*93.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*95.2 %*	*70-130*		"	"	"	"	

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-6 (5J19002-06) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ51908	10/19/05	10/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*95.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*92.0 %*	*70-130*		"	"	"	"	
SS-7 (5J19002-07) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EJ51903	10/19/05	10/19/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*91.8 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.8 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**ND**	10.0	mg/kg dry	1	EJ51908	10/19/05	10/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	**498**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**498**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*110 %*	*70-130*		"	"	"	"	
SS-8 (5J19002-08) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ51908	10/19/05	10/19/05	EPA 8015M	
Diesel Range Organics >C12-C35	**189**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**189**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*97.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*102 %*	*70-130*		"	"	"	"	
SS-9 (5J19002-09) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ51908	10/19/05	10/19/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*96.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*105 %*	*70-130*		"	"	"	"	

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-10 (5J19002-10) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ51908	10/19/05	10/19/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*96.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*106 %*	*70-130*		"	"	"	"	
SS-11 (5J19002-11) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ51908	10/19/05	10/19/05	EPA 8015M	
Diesel Range Organics >C12-C35	**J [8.33]**	10.0	"	"	"	"	"	"	J
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*94.2 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*96.8 %*	*70-130*		"	"	"	"	
SS-12 (5J19002-12) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ51908	10/19/05	10/19/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*83.2 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*85.0 %*	*70-130*		"	"	"	"	
SS-13 (5J19002-13) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ51908	10/19/05	10/19/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*91:8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*93.0 %*	*70-130*		"	"	"	"	
SS-14 (5J19002-14) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ51908	10/19/05	10/19/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*85.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*87.8 %*	*70-130*		"	"	"	"	

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-15 (5J19002-15) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ51908	10/19/05	10/19/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*89.2 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*88.6 %*	*70-130*		"	"	"	"	
SS-16 (5J19002-16) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ51908	10/19/05	10/19/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*92.2 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*99.4 %*	*70-130*		"	"	"	"	
SS-17 (5J19002-17) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ51908	10/19/05	10/19/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*92.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*98.4 %*	*70-130*		"	"	"	"	

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-1 (5J19002-01) Soil									
Chloride	**394**	10.0	mg/kg	20	EJ52616	10/25/05	10/26/05	EPA 300.0	
% Moisture	**19.9**	0.1	%	1	EJ51912	10/19/05	10/20/05	% calculation	
SS-2 (5J19002-02) Soil									
Chloride	**137**	10.0	mg/kg	20	EJ52616	10/25/05	10/26/05	EPA 300.0	
% Moisture	**17.8**	0.1	%	1	EJ51912	10/19/05	10/20/05	% calculation	
SS-3 (5J19002-03) Soil									
Chloride	**30.5**	5.00	mg/kg	10	EJ52616	10/25/05	10/26/05	EPA 300.0	
% Moisture	**9.7**	0.1	%	1	EJ51912	10/19/05	10/20/05	% calculation	
SS-4 (5J19002-04) Soil									
Chloride	**64.9**	10.0	mg/kg	20	EJ52616	10/25/05	10/26/05	EPA 300.0	
% Moisture	**9.2**	0.1	%	1	EJ51912	10/19/05	10/20/05	% calculation	
SS-5 (5J19002-05) Soil									
Chloride	**87.9**	5.00	mg/kg	10	EJ52616	10/25/05	10/26/05	EPA 300.0	
% Moisture	**5.1**	0.1	%	1	EJ51912	10/19/05	10/20/05	% calculation	
SS-6 (5J19002-06) Soil									
Chloride	**338**	10.0	mg/kg	20	EJ52616	10/25/05	10/26/05	EPA 300.0	
% Moisture	**14.0**	0.1	%	1	EJ51912	10/19/05	10/20/05	% calculation	
SS-7 (5J19002-07) Soil									
Chloride	**57.0**	10.0	mg/kg	20	EJ52616	10/25/05	10/26/05	EPA 300.0	
% Moisture	**3.8**	0.1	%	1	EJ51912	10/19/05	10/20/05	% calculation	
SS-8 (5J19002-08) Soil									
Chloride	**220**	10.0	mg/kg	20	EJ52616	10/25/05	10/26/05	EPA 300.0	
% Moisture	**2.8**	0.1	%	1	EJ51912	10/19/05	10/20/05	% calculation	

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General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-9 (5J19002-09) Soil									
Chloride	**51.7**	5.00	mg/kg	10	EJ52616	10/25/05	10/26/05	EPA 300.0	
% Moisture	**4.4**	0.1	%	1	EJ51912	10/19/05	10/20/05	% calculation	
SS-10 (5J19002-10) Soil									
Chloride	**21.5**	5.00	mg/kg	10	EJ52616	10/25/05	10/26/05	EPA 300.0	
% Moisture	**4.5**	0.1	%	1	EJ51912	10/19/05	10/20/05	% calculation	
SS-11 (5J19002-11) Soil									
Chloride	**18.6**	5.00	mg/kg	10	EJ52616	10/25/05	10/26/05	EPA 300.0	
% Moisture	**4.4**	0.1	%	1	EJ51912	10/19/05	10/20/05	% calculation	
SS-12 (5J19002-12) Soil									
Chloride	**26.9**	5.00	mg/kg	10	EJ52616	10/25/05	10/26/05	EPA 300.0	
% Moisture	**4.3**	0.1	%	1	EJ51912	10/19/05	10/20/05	% calculation	
SS-13 (5J19002-13) Soil									
Chloride	**17.6**	5.00	mg/kg	10	EJ52616	10/25/05	10/26/05	EPA 300.0	
% Moisture	**4.8**	0.1	%	1	EJ51912	10/19/05	10/20/05	% calculation	
SS-14 (5J19002-14) Soil									
Chloride	**17.3**	5.00	mg/kg	10	EJ52616	10/25/05	10/26/05	EPA 300.0	
% Moisture	**12.3**	0.1	%	1	EJ51912	10/19/05	10/20/05	% calculation	
SS-15 (5J19002-15) Soil									
Chloride	**38.8**	5.00	mg/kg	10	EJ52616	10/25/05	10/26/05	EPA 300.0	
% Moisture	**12.8**	0.1	%	1	EJ51912	10/19/05	10/20/05	% calculation	
SS-16 (5J19002-16) Soil									
Chloride	**18.4**	5.00	mg/kg	10	EJ52616	10/25/05	10/26/05	EPA 300.0	
% Moisture	**9.2**	0.1	%	1	EJ51912	10/19/05	10/20/05	% calculation	

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General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-17 (5J19002-17) Soil									
Chloride	**181**	5.00	mg/kg	10	EJ52616	10/25/05	10/26/05	EPA 300.0	
% Moisture	**8.6**	0.1	%	1	EJ51912	10/19/05	10/20/05	% calculation	

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ51903 - EPA 5030C (GC)										
Blank (EJ51903-BLK1)				Prepared & Analyzed: 10/19/05						
Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	*37.0*		*ug/kg*	*40.0*		*92.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*35.9*		*"*	*40.0*		*89.8*	*80-120*			
LCS (EJ51903-BS1)				Prepared & Analyzed: 10/19/05						
Benzene	0.0423	0.00100	mg/kg wet	0.0500		84.6	80-120			
Toluene	0.0476	0.00100	"	0.0500		95.2	80-120			
Ethylbenzene	0.0539	0.00100	"	0.0500		108	80-120			
Xylene (p/m)	0.0997	0.00100	"	0.100		99.7	80-120			
Xylene (o)	0.0544	0.00100	"	0.0500		109	80-120			
Surrogate: a,a,a-Trifluorotoluene	*38.1*		*ug/kg*	*40.0*		*95.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*35.9*		*"*	*40.0*		*89.8*	*80-120*			
Calibration Check (EJ51903-CCV1)				Prepared: 10/19/05 Analyzed: 10/20/05						
Benzene	42.0		ug/kg	50.0		84.0	80-120			
Toluene	48.4		"	50.0		96.8	80-120			
Ethylbenzene	59.3		"	50.0		119	80-120			
Xylene (p/m)	109		"	100		109	80-120			
Xylene (o)	59.7		"	50.0		119	80-120			
Surrogate: a,a,a-Trifluorotoluene	*38.2*		*"*	*40.0*		*95.5*	*0-200*			
Surrogate: 4-Bromofluorobenzene	*38.8*		*"*	*40.0*		*97.0*	*0-200*			
Matrix Spike (EJ51903-MS1)		**Source: 5J19002-07**		Prepared & Analyzed: 10/19/05						
Benzene	1.11	0.0250	mg/kg dry	1.30	ND	85.4	80-120			
Toluene	1.27	0.0250	"	1.30	ND	97.7	80-120			
Ethylbenzene	1.48	0.0250	"	1.30	ND	114	80-120			
Xylene (p/m)	2.73	0.0250	"	2.60	ND	105	80-120			
Xylene (o)	1.44	0.0250	"	1.30	ND	111	80-120			
Surrogate: a,a,a-Trifluorotoluene	*40.5*		*ug/kg*	*40.0*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*39.9*		*"*	*40.0*		*99.8*	*80-120*			

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ51903 - EPA 5030C (GC)										
Matrix Spike Dup (EJ51903-MSD1)	**Source: 5J19002-07**			Prepared: 10/19/05		Analyzed: 10/20/05				
Benzene	1.22	0.0250	mg/kg dry	1.30	ND	93.8	80-120	9.38	20	
Toluene	1.37	0.0250	"	1.30	ND	105	80-120	7.20	20	
Ethylbenzene	1.53	0.0250	"	1.30	ND	118	80-120	3.45	20	
Xylene (p/m)	3.12	0.0250	"	2.60	ND	120	80-120	13.3	20	
Xylene (o)	1.56	0.0250	"	1.30	ND	120	80-120	7.79	20	
Surrogate: a,a,a-Trifluorotoluene	*37.8*		*ug/kg*	*40.0*		*94.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*39.8*		*"*	*40.0*		*99.5*	*80-120*			
Batch EJ51908 - Solvent Extraction (GC)										
Blank (EJ51908-BLK1)				Prepared & Analyzed: 10/19/05						
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	*46.3*		*mg/kg*	*50.0*		*92.6*	*70-130*			
Surrogate: 1-Chlorooctadecane	*42.3*		*"*	*50.0*		*84.6*	*70-130*			
LCS (EJ51908-BS1)				Prepared & Analyzed: 10/19/05						
Gasoline Range Organics C6-C12	386	10.0	mg/kg wet	500		77.2	75-125			
Diesel Range Organics >C12-C35	383	10.0	"	500		76.6	75-125			
Total Hydrocarbon C6-C35	769	10.0	"	1000		76.9	75-125			
Surrogate: 1-Chlorooctane	*47.4*		*mg/kg*	*50.0*		*94.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*48.8*		*"*	*50.0*		*97.6*	*70-130*			
Calibration Check (EJ51908-CCV1)				Prepared & Analyzed: 10/19/05						
Gasoline Range Organics C6-C12	460		mg/kg	500		92.0	80-120			
Diesel Range Organics >C12-C35	451		"	500		90.2	80-120			
Total Hydrocarbon C6-C35	911		"	1000		91.1	80-120			
Surrogate: 1-Chlorooctane	*53.0*		*"*	*50.0*		*106*	*0-200*			
Surrogate: 1-Chlorooctadecane	*55.7*		*"*	*50.0*		*111*	*0-200*			

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Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ51908 - Solvent Extraction (GC)										
Matrix Spike (EJ51908-MS1)	**Source: 5J19002-01**			Prepared & Analyzed: 10/19/05						
Gasoline Range Organics C6-C12	503	10.0	mg/kg dry	624	ND	80.6	75-125			
Diesel Range Organics >C12-C35	498	10.0	"	624	ND	79.8	75-125			
Total Hydrocarbon C6-C35	1000	10.0	"	1250	ND	80.0	75-125			
Surrogate: 1-Chlorooctane	*41.3*		*mg/kg*	*50.0*		*82.6*	*70-130*			
Surrogate: 1-Chlorooctadecane	*39.4*		"	*50.0*		*78.8*	*70-130*			
Matrix Spike Dup (EJ51908-MSD1)	**Source: 5J19002-01**			Prepared & Analyzed: 10/19/05						
Gasoline Range Organics C6-C12	508	10.0	mg/kg dry	624	ND	81.4	75-125	0.989	20	
Diesel Range Organics >C12-C35	500	10.0	"	624	ND	80.1	75-125	0.401	20	
Total Hydrocarbon C6-C35	1010	10.0	"	1250	ND	80.8	75-125	0.995	20	
Surrogate: 1-Chlorooctane	*41.4*		*mg/kg*	*50.0*		*82.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*38.9*		"	*50.0*		*77.8*	*70-130*			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ51912 - General Preparation (Prep)										
Blank (EJ51912-BLK1)				Prepared: 10/19/05 Analyzed: 10/20/05						
% Solids	100		%							
Duplicate (EJ51912-DUP1)		Source: 5J18008-01		Prepared: 10/19/05 Analyzed: 10/20/05						
% Solids	89.1		%		89.2			0.112	20	
Duplicate (EJ51912-DUP2)		Source: 5J19008-02		Prepared: 10/19/05 Analyzed: 10/20/05						
% Solids	92.2		%		91.9			0.326	20	
Batch EJ52616 - Water Extraction										
Blank (EJ52616-BLK1)				Prepared: 10/25/05 Analyzed: 10/26/05						
Chloride	ND	0.500	mg/kg							
LCS (EJ52616-BS1)				Prepared: 10/25/05 Analyzed: 10/26/05						
Chloride	8.39		mg/L	10.0		83.9	80-120			
Calibration Check (EJ52616-CCV1)				Prepared: 10/25/05 Analyzed: 10/26/05						
Chloride	8.49		mg/L	10.0		84.9	80-120			
Duplicate (EJ52616-DUP1)		Source: 5J19002-01		Prepared: 10/25/05 Analyzed: 10/26/05						
Chloride	390	10.0	mg/kg		394			1.02	20	

Notes and Definitions

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Celey D. Keene Date: 10/26/05

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

Environmental Lab of Texas
Variance / Corrective Action Report – Sample Log-In

Client: Larson

Date/Time: 10/19/05 8:30

Order #: 5J19002

Initials: CK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	3.6 C
Shipping container/cooler in good condition?	~~Yes~~	No	
Custody Seals intact on shipping container/cooler?	Yes	No	~~Not present~~
Custody Seals intact on sample bottles?	Yes	No	~~Not present~~
Chain of custody present?	~~Yes~~	No	
Sample Instructions complete on Chain of Custody?	~~Yes~~	No	
Chain of Custody signed when relinquished and received?	~~Yes~~	No	
Chain of custody agrees with sample label(s)	Yes	No	FDon 1/2
Container labels legible and intact?	Yes	No	n/a
Sample Matrix and properties same as on chain of custody?	~~Yes~~	No	
Samples in proper container/bottle?	~~Yes~~	No	
Samples properly preserved?	~~Yes~~	No	
Sample bottles intact?	~~Yes~~	No	
Preservations documented on Chain of Custody?	~~Yes~~	No	
Containers documented on Chain of Custody?	~~Yes~~	No	
Sufficient sample amount for indicated test?	~~Yes~~	No	
All samples received within sufficient hold time?	~~Yes~~	No	
VOC samples have zero headspace?	~~Yes~~	No	Not Applicable

Other observations:

_____

_____

_____

Variance Documentation:

Contact Person: -_____ Date/Time: _____ Contacted by: _____

Regarding:

_____

_____

_____

Corrective Action Taken:

_____

_____

_____

_____

_____

_____

_____

_____

Jeanne McMurrey

From: "Mark Larson" <mark@laenvironmental.com>
To: "Jeanne McMurrey" <jeanne@elabtexas.com>
Sent: Friday, October 21, 2005 1:02 PM
Subject: RE: Report #5J19002 John Hendrix/ E. W. Walden

Jeanne: Please analyze the above-referenced samples for chloride. Thanks, Mark

-----Original Message-----
From: Jeanne McMurrey [mailto:jeanne@elabtexas.com]
Sent: Thursday, October 20, 2005 5:21 PM
To: Mark Larson
Subject: Re: Report #5J19002 John Hendrix/ E. W. Walden

Jeanne McMurrey
Environmental Lab of Texas I, Ltd.
12600 West I-20 East
Odessa, Texas 79765
432-563-1800

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This message has been scanned for viruses and dangerous content by **BasinBroadband**, and is believed to be clean.

CHAIN—OF—CUSTODY RECORD

LA Larson & Associates, Inc.
Environmental Consultants
Fax: 432-687-0456
432-687-0901
507 N. Marienfeld, Ste. 202 • Midland, TX 79701

CLIENT NAME: John H. Hendrix
SITE MANAGER: M. Larson
PROJECT NO.: 5-0101
PROJECT NAME: E.W. Wolden
PAGE 1 OF 1
LAB. PO #

PARAMETERS/METHOD NUMBER

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	TPH (8015 GRO + DRO)	BTEX (8021B)	Chloride (Add 10-24-05 as per attached e-mail)	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
10/18/05	0830		X		SS-1	1	✓		X	505900 2-01	
	0835				SS-2	1	✓			-02	
	0840				SS-3	1	✓			-03	
	0845				SS-4	1	✓			-04	
	0850				SS-5	1	✓			-05	
	0900				SS-6	1	✓			-06	
	0905				SS-7	1	✓	✓		-07	
	0910				SS-8	1	✓			-08	
	0915				SS-9	1	✓			-09	
	0925				SS-10	1	✓			-10	
	0930				SS-11	1	✓			-11	
	0935				SS-12	1	✓			-12	
	0940				SS-13	1	✓			-13	
	0945				SS-14	1	✓			-14	
	0950				SS-15	1	✓			-15	
	1045				SS-16	1	✓			-16	
↓	1050		↓		SS-17	1	✓		↓	-17	

SAMPLED BY: (Signature) DATE: 10/18/05 TIME: 1050
RELINQUISHED BY: (Signature) DATE: 10/19 TIME: 8:20
RECEIVED BY: (Signature) DATE: TIME:

RELINQUISHED BY: (Signature) DATE: 10/19/05 TIME: 0830
RECEIVED BY: (Signature) DATE: TIME:
SAMPLE SHIPPED BY: (Circle)
FEDEX BUS AIRBILL #:
HAND DELIVERED UPS OTHER:

COMMENTS:

TURNAROUND TIME NEEDED

~~WHITE~~ – RECEIVING LAB
YELLOW – RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)
PINK – PROJECT MANAGER
GOLD – QA/QC COORDINATOR

RECEIVING LABORATORY: ELT
ADDRESS: 12600 W I-20 E
CITY: Odessa STATE: TX ZIP: 79765
CONTACT: Roland Tuttle PHONE: (432) 563-1800

RECEIVED BY: (Signature)
DATE: 10/19/05 TIME: 8:30

SAMPLE CONDITION WHEN RECEIVED:
3.5 4oz no labels/ no seals

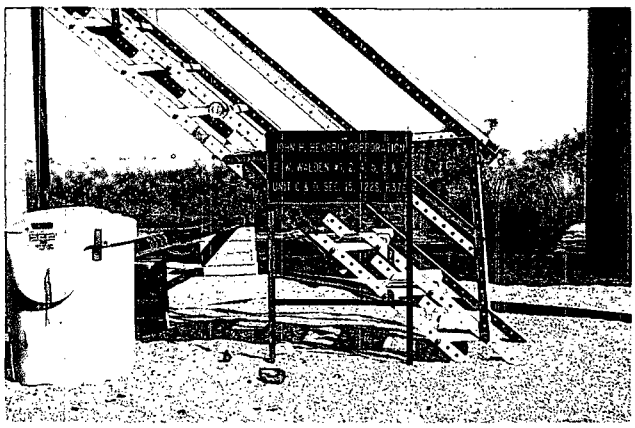
LA CONTACT PERSON: Mark Larson

SAMPLE TYPE: Soil

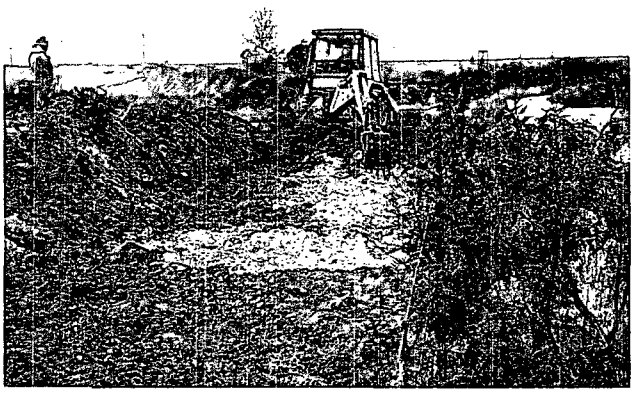
APPENDIX B

Photographs

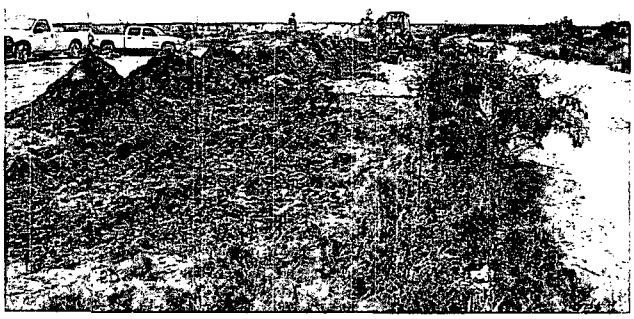
SECTION 15, T-22-S, R-37-E, LEA COUNTY, NEW MEXICO
E.W. WALDEN LEASE



1. Location sign



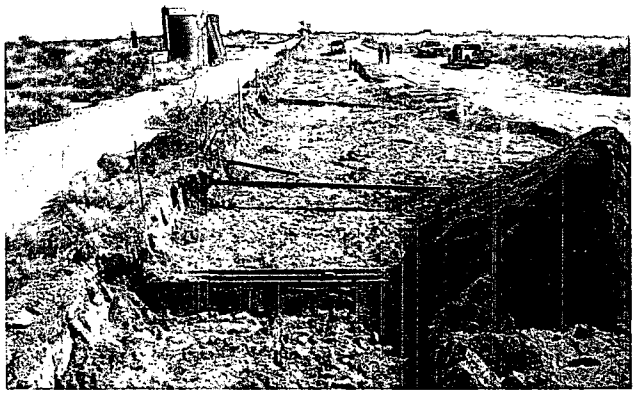
2. Excavation, looking west



3. Excavation, looking west

SECTION 15, T-22-S, R-37-E, LEA COUNTY, NEW MEXICO
E.W. WALDEN LEASE

4. Excavation, looking west



5. Excavation, looking east

6. Sample location, SS-16

SECTION 15, T-22-S, R-37-E, LEA COUNTY, NEW MEXICO
E.W. WALDEN LEASE

7. Sample location, SS-17