1R - 465

WORKPLAN

8/09/2005

Larson & Associates, Inc.
Environmental Consultants

August 9, 2005

Via e-mail: **Psheeley@state.nm.us**

Mr. Paul R. Sheeley
Environmental Engineering Specialist
State of New Mexico
Energy, Mineral and Natural Resources Department
Oil Conservation Division
1625 N. French Drive
Hobbs, New Mexico 88240

Re: Work Plan for Protective Barrier and Monitoring Well Installation Work Plan, John H. Hendrix Corporation, Will Cary Lease, Unit Letter F (SE/4, NW/4), Section 22, Township 22 South, Range 37 East, Lea County, New Mexico

Dear Mr. Sheeley:
Per our meeting on August 4, 2005, Larson and Associates, Inc. ("LA"), as agent to John H. Hendrix Corporation ("JHHC"), presents a work plan for installing a protective barrier and monitoring well at the Will Cary Lease ("Site") located in unit letter F (SE/4, NW/4), Section 22, Township 22 South, Range 37 East, in Lea County, New Mexico. The GPS coordinates for the Site are N. 32° 22.809' and W. 103° 09.063". Figure 1 presents a location and topographic map. Figure 2 presents a Site drawing.

Emergency Pit Excavation
Between April 19 and 22, 2005, E.D. Walton Construction Co. ("EDW") excavated approximately 1,600 cubic yards of soil from an unlined pit once associated with the Will Cary Lease. The soil was hauled to the JHHC centralized surface waste management facility (NM-02-0021) located in Section 15, Township 24 South, Range 36 East, in Lea County, New Mexico. The excavation measured approximately 30' (W) x 50' (L) x 28' (D) feet. On April 22, 2005, soil samples were collected from the bottom and sides of the excavation, analyzed for headspace vapors using a calibrated photoionization detector, and submitted under chain-of-custody control to Environmental Lab of Texas, Inc. ("ELTI"). ELTI analyzed the samples for total petroleum hydrocarbons ("TPH") using method SW-846-8015 and chloride. Soil samples from approximately 20 feet from the west side, and 15 feet form the south side, which reported PID readings of 97.2 and 140.8 parts per million ("ppm"), respectively, were further analyzed for benzene and total BTEX (sum of benzene, toluene, ethylbenzene and xylene). The benzene and total BTEX results were below the NMOCD recommended action levels ("RRAL") of 10 milligrams per kilogram ("mg/kg") and 50 mg/kg, respectively. The TPH results below the RRAL of 1,000 mg/kg in all samples, except from approximately 15 feet (1,137.4 mg/kg) and 20 feet (1,590 mg/kg) from the west side, and approximately 5 feet (3,380 mg/kg) and 15 feet (4,120 mg/kg) from the south side.

On July 21, 2005, EDW excavated additional soil from the south and west sides of he excavation. Soil samples collected from the bottom (28 feet), west (7 and 20 feet), southwest (12 feet), and south (3, 12 and 17 feet) were analyzed for headspace vapors using a calibrated

PID. ELTI analyzed the samples for TPH and chloride since no PID readings exceeded 100 ppm. TPH was less than 1,000 mg/kg in all samples. Chloride was 93.5 mg/kg in the bottom sample, and 2,500 mg/kg from the west sample (20 feet). The current dimensions for the excavation are approximately 40'(W) x 60' (L) x 28' (D). Figure 3 presents the sample locations. Table 1 presents a summary of the field and laboratory analysis. Appendix A presents the laboratory report.

Protective Barrier

EDW will begin filling the excavation with clean soil beginning August 10, 2005. A protective barrier of clay will be placed in the excavation between approximately 4 to 6 feet bgs. The clay will be compacted to 95% standard proctor density. Clean soil will be placed above the clay and extend to ground surface. The area will be seeded with range grass. Figure 4 presents a cross-section for the protective barrier placement.

Monitoring Well

A monitoring well will be drilled to about 85 feet bgs near the southeast (down gradient) corner of the excavation using an air rotary rig. The well will be constructed with 2-inch diameter schedule 40 PVC casing, and approximately 20 feet of well screen will be placed near the bottom of the boring. Approximately 15 feet of screen will extend into groundwater, and 5 feet will remain above groundwater. The annular space between the boring and screen will be filled with graded silica sand to approximately 2 feet above the screen. A layer of bentonite pellets, approximately 2 feet thick, will be placed over the sand, and hydrated with potable water. The well will have a locking cap, and a temporary seal will be placed at the surface until the well is plugged. The well will be developed, and a groundwater sample will be collected and analyzed for BTEX, chlorides and TDS. The groundwater sample will be collected using dedicated disposable polyethylene bailer, and depth-to-groundwater will be measured prior to and following development. The groundwater sample will be labeled, chilled in an ice chest, chilled, and transferred under chain-of-custody control to ELTI. The NMOCD will be notified approximately 72-hours in advance of drilling the well, and 24-hours in advance of collecting the groundwater sample.

A summary report will be submitted to the NMOCD following completion of the excavation, monitoring well installation and receipt of the groundwater sample results. Please call Mr. Marvin Burrows with JHHC at (505) 390-9689 or myself at (432) 687-0901 if you have questions. We may be reached by email at Mburrows@valornet.com 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: Mr. Marvin Burrows
Mr. Ron Westbrook

TABLES

Table 1
Summary of TPH Analysis of Soil Samples from Emergency Pit Excavation
John H. Hendrix Corp., Will Cary Lease
UL F (SE/4, NW/4), Section 15, Township 22 South, Range 37 East
Lea County, New Mexico

Location	Depth (Feet BGS)	Date	PID (ppm)	GRO C6 - C12 (mg/Kg)	DRO C12 - C35 (mg/Kg)	TPH C6 - C35 (mg/Kg)	Benzene (mg/Kg)	BTEX (mg/Kg)	Chloride (mg/Kg)
RRAL:						**1,000**	**10**	**50**	
Bottom	28	04/22/2005	50.2	15.2	133	148.2	--	--	54.7
	28	07/21/2005	55	36.3	285	321.3	--	--	93.5
West Side	5	04/22/2005	15.6	<10	<10	<20	--	--	3,110
	15	04/22/2005	50.6	57.4	1,080	1,137.4	--	--	468
	20	04/22/2005	97.2	233	1,360	1,590	<0.025	0.706	20.1
	7	07/21/2005	12.8	<10	<10	<20	--	--	476
	20	07/21/2005	31.0	15.7	220	235.7	--	--	2,500
Southwest	12	07/21/2005	12.1	<10	<10	<20	--	--	847
South Side	5	04/22/2005	58.5	260	3,120	3,380	--	--	18.1
	15	04/22/2005	140.8	656	3,460	4,120	<0.025	0.2086	14.8
	20	04/22/2005	7.1	<10	<10	<20	--	--	55.9
	3	07/21/2005	13.3	<10	<10	<20	--	--	1,470
	12	07/21/2005	13.3	<10	<10	<20	--	--	733
	17	07/21/2005	11.8	<10	<10	<20	--	--	730
East Side	5	04/22/2005	32.7	34.5	928	962.5	--	--	87.6
(South)	15	04/22/2005	8.1	<10	<10	<20	--	--	40.3
	20	04/22/2005	0.3	<10	38.1	38.1	--	--	182
East Side	5	04/22/2005	1.7	<10	<10	<20	--	--	1,450

Table 1
Summary of TPH Analysis of Soil Samples from Emergency Pit Excavation
John H. Hendrix Corp., Will Cary Lease
UL F (SE/4, NW/4), Section 15, Township 22 South, Range 37 East
Lea County, New Mexico

Location	Depth (Feet BGS)	Date	PID (ppm)	GRO C6 - C12 (mg/Kg)	DRO C12 - C35 (mg/Kg)	TPH C6 - C35 (mg/Kg)	Benzene (mg/Kg)	BTEX (mg/Kg)	Chloride (mg/Kg)
RRAL:						**1,000**	**10**	**50**	
(North)	15	04/22/2005	0.6	<10	<10	<20	--	--	884
	20	04/22/2005	0.6	<10	<10	<20	--	--	481
North Side	5	04/22/2005	6.0	<10	<10	<20	--	--	608
	10	04/22/2005	18.2	<10	52.9	52.9	--	--	48.5
	15	04/22/2005	30.8	<10	<10	<20	--	--	64.2

Notes: Analysis performed by Environmental Lab of Texas, Inc., Odessa, Texas

1. BGS: Depth in feet below ground surface
2. mg/Kg Milligrams per kilogram
3. ppm: Parts per million
4. GRO: Gasoline range organcis (C6 - C12)
5. DRO: Diesel range organics (C12 - C35)
6. TPH: Sum of GRO and DRO (C6 - C35)
7. -: No data available
8. <: Below test method detection limit

FIGURES

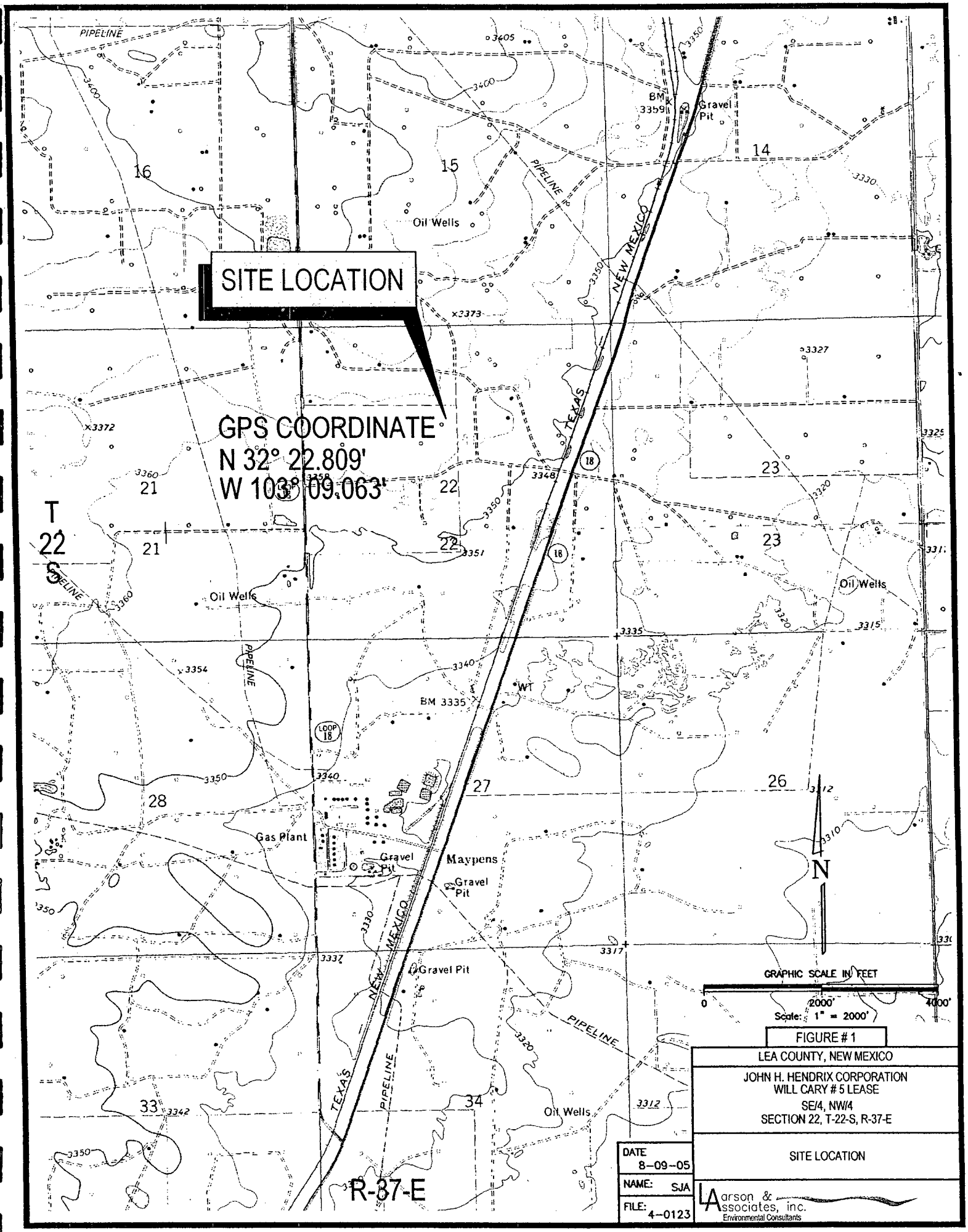

FIGURE # 1

LEA COUNTY, NEW MEXICO

JOHN H. HENDRIX CORPORATION
WILL CARY # 5 LEASE
SE/4, NW/4
SECTION 22, T-22-S, R-37-E

SITE LOCATION

DATE	8-09-05
NAME:	SJA
FILE:	4-0123

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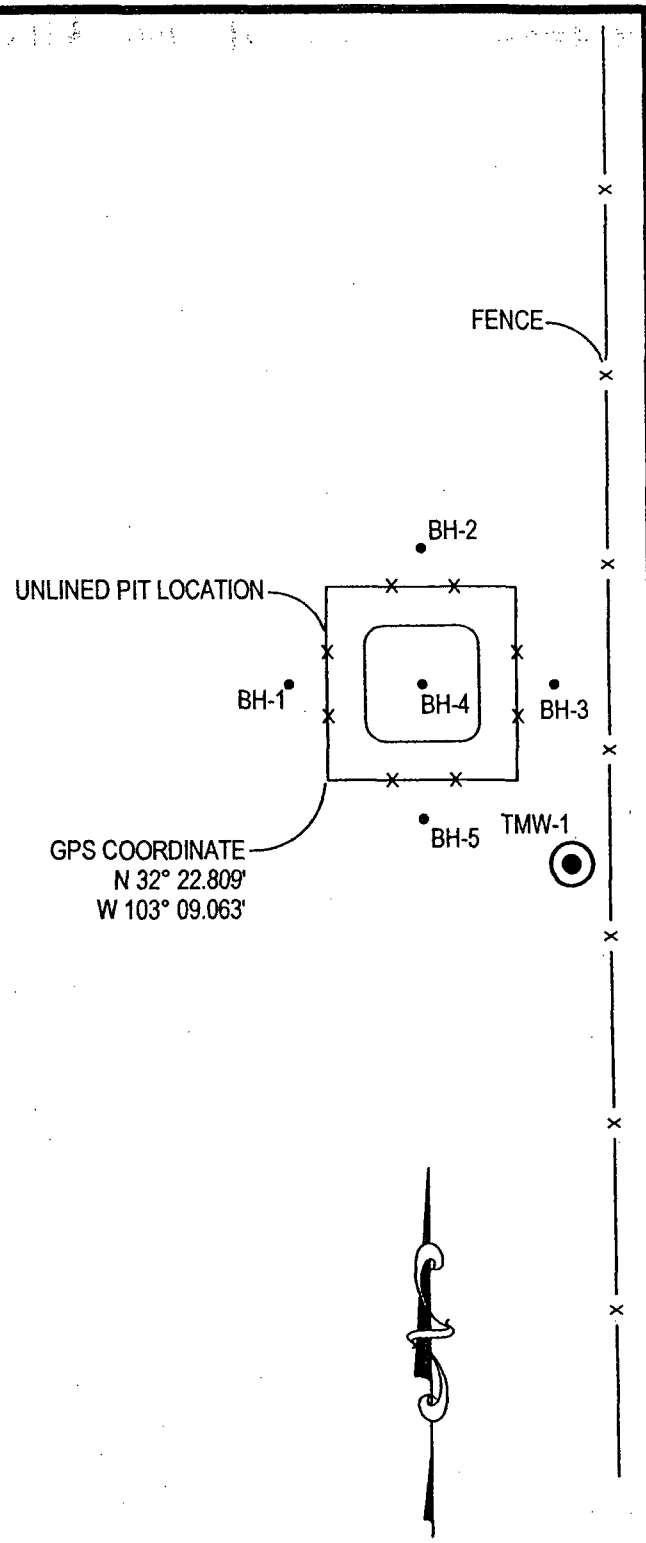


LEGEND

BH-1 • - AIR ROTARY BORING LOCATION

▲ - OIL WELL LOCATION

TMW-1 ◉ - PROPOSED TEMPORARY MONITORING WELL LOCATION

FIGURE # 2

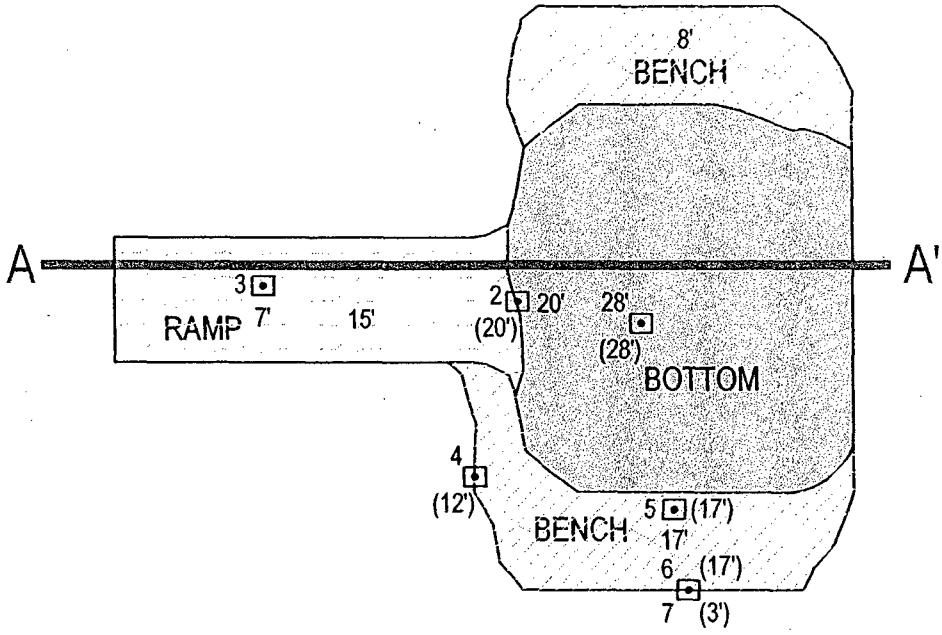
LEA COUNTY, NEW MEXICO

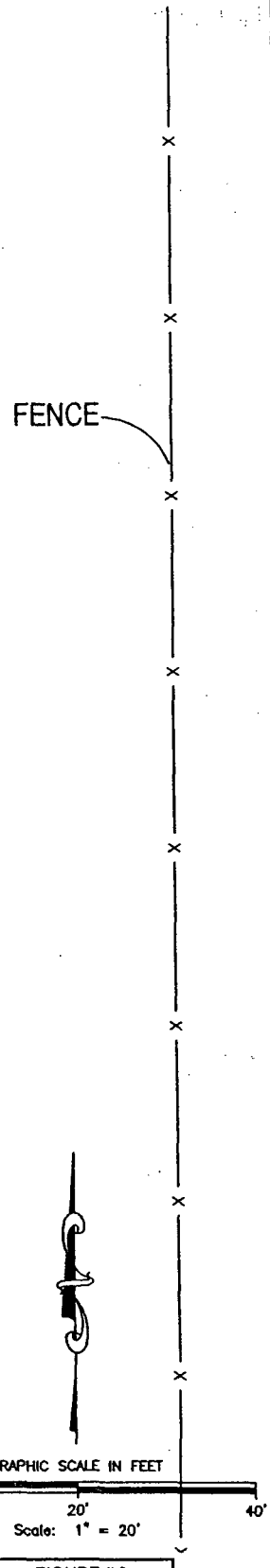
JOHN H. HENDRIX CORPORATION
WILL CARY # 5 LEASE
SE/4, NW/4
SECTION 22, T-22-S, R-37-E

SITE DRAWING

DATE	8-8-05
NAME:	SJA
FILE:	4-0123

Larson & Associates, inc.
Environmental Consultants





LEGEND

3 (7') SOIL SAMPLE LOCATION AND DEPTH, FEET BGS, 7/21/2005

FIGURE # 3

LEA COUNTY, NEW MEXICO

JOHN H. HENDRIX CORPORATION
WILL CARY # 5 LEASE
SE/4, NW/4
SECTION 22, T-22-S, R-37-E

EXCAVATION DRAWING AND SOIL SAMPLE LOCATION, 7/21/05

DATE: 8-9-05
NAME: SJA
FILE: 4-0123

Larson & Associates, inc.
Environmental Consultants

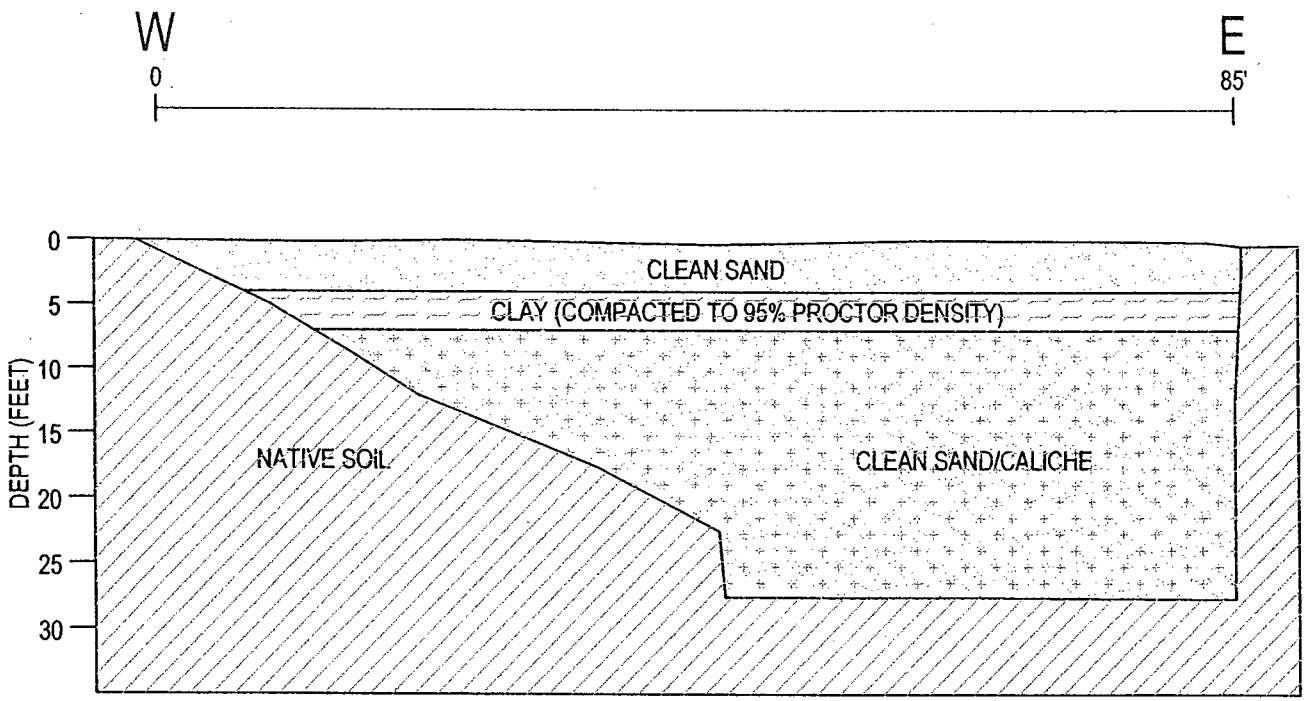


FIGURE # 4

LEA COUNTY, NEW MEXICO

JOHN H. HENDRIX CORPORATION
WILL CARY # 5 LEASE
SE/4, NW/4
SECTION 22, T-22-S, R-37-E

CROSS SECTION
A - A'

DATE 8-9-05
NAME: SJA
FILE: 4-0123

Larson & Associates, inc.
Environmental Consultants

APPENDIX A

Laboratory Reports

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: Will Cary

Project Number: 4-0123

Location: None Given

Lab Order Number: 5D25001

Report Date: 04/27/05

Larson & Associates, Inc.	Project: Will Cary	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 4-0123	**Reported:**
Midland TX, 79710	Project Manager: Mark Larson	04/27/05 14:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Bottom- 28'	5D25001-01	Soil	04/22/05 08:15	04/22/05 17:15
West Side- 20'	5D25001-02	Soil	04/22/05 08:20	04/22/05 17:15
West Side- 15'	5D25001-03	Soil	04/22/05 08:25	04/22/05 17:15
West Side- 5'	5D25001-04	Soil	04/22/05 08:33	04/22/05 17:15
South Side- 20'	5D25001-05	Soil	04/22/05 08:40	04/22/05 17:15
South Side- 15'	5D25001-06	Soil	04/22/05 08:43	04/22/05 17:15
South Side- 5'	5D25001-07	Soil	04/22/05 08:46	04/22/05 17:15
East Side- South 20'	5D25001-08	Soil	04/22/05 08:50	04/22/05 17:15
East Side- South 15'	5D25001-09	Soil	04/22/05 08:53	04/22/05 17:15
East Side- South 5'	5D25001-10	Soil	04/22/05 08:55	04/22/05 17:15
East Side- North 20'	5D25001-11	Soil	04/22/05 09:00	04/22/05 17:15
East Side- North 15'	5D25001-12	Soil	04/22/05 09:05	04/22/05 17:15
East Side- North 5'	5D25001-13	Soil	04/22/05 09:08	04/22/05 17:15
North Side- 20'	5D25001-14	Soil	04/22/05 09:15	04/22/05 17:15
North Side- 15'	5D25001-15	Soil	04/22/05 09:18	04/22/05 17:15
North Side- 5'	5D25001-16	Soil	04/22/05 09:20	04/22/05 17:15

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

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Will Cary
Project Number: 4-0123
Project Manager: Mark Larson

Fax: (432) 687-0456
Reported:
04/27/05 13:53

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bottom- 28' (5D25001-01) Soil									
Gasoline Range Organics C6-C12	**15.2**	10.0	mg/kg dry	1	ED52502	04/25/05	04/25/05	EPA 8015M	
Diesel Range Organics >C12-C35	**133**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**148**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*98.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*97.8 %*	*70-130*		"	"	"	"	
West Side- 20' (5D25001-02) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED52602	04/25/05	04/25/05	EPA 8021B	
Toluene	**0.0300**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.112**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**0.457**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.107**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*112 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*141 %*	*80-120*		"	"	"	"	*S-04*
Gasoline Range Organics C6-C12	**233**	10.0	mg/kg dry	1	ED52502	04/25/05	04/25/05	EPA 8015M	
Diesel Range Organics >C12-C35	**1360**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**1590**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*91.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*109 %*	*70-130*		"	"	"	"	
West Side- 15' (5D25001-03) Soil									
Gasoline Range Organics C6-C12	**57.4**	10.0	mg/kg dry	1	ED52502	04/25/05	04/25/05	EPA 8015M	
Diesel Range Organics >C12-C35	**1080**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**1140**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*99.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*110 %*	*70-130*		"	"	"	"	
West Side- 5' (5D25001-04) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	ED52502	04/25/05	04/25/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*91.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*90.2 %*	*70-130*		"	"	"	"	

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
South Side- 20' (5D25001-05) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	ED52502	04/25/05	04/25/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*102 %*	*70-130*		"	"	"	"	
South Side- 15' (5D25001-06) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED52602	04/25/05	04/25/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.0400**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**0.125**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.0436**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*99.9 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*117 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**656**	10.0	mg/kg dry	1	ED52502	04/25/05	04/25/05	EPA 8015M	
Diesel Range Organics >C12-C35	**3460**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**4120**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*106 %*	*70-130*		"	"	"	"	
South Side- 5' (5D25001-07) Soil									
Gasoline Range Organics C6-C12	**260**	10.0	mg/kg dry	1	ED52502	04/25/05	04/25/05	EPA 8015M	
Diesel Range Organics >C12-C35	**3120**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**3380**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*105 %*	*70-130*		"	"	"	"	
East Side- South 20' (5D25001-08) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	ED52502	04/25/05	04/25/05	EPA 8015M	
Diesel Range Organics >C12-C35	**38.1**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**38.1**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*99.2 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*99.0 %*	*70-130*		"	"	"	"	

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
East Side- South 15' (5D25001-09) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	ED52502	04/25/05	04/25/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*95.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*93.8 %*	*70-130*		"	"	"	"	
East Side- South 5' (5D25001-10) Soil									
Gasoline Range Organics C6-C12	**34.5**	10.0	mg/kg dry	1	ED52502	04/25/05	04/25/05	EPA 8015M	
Diesel Range Organics >C12-C35	**928**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**963**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*114 %*	*70-130*		"	"	"	"	
East Side- North 20' (5D25001-11) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	ED52502	04/25/05	04/25/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*80.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*80.8 %*	*70-130*		"	"	"	"	
East Side- North 15' (5D25001-12) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	ED52502	04/25/05	04/25/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*81.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*79.6 %*	*70-130*		"	"	"	"	
East Side- North 5' (5D25001-13) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	ED52502	04/25/05	04/25/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*77.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*77.6 %*	*70-130*		"	"	"	"	

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
North Side- 20' (5D25001-14) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	ED52502	04/25/05	04/25/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*77.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*75.6 %*	*70-130*		"	"	"	"	
North Side- 15' (5D25001-15) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	ED52502	04/25/05	04/25/05	EPA 8015M	
Diesel Range Organics >C12-C35	**52.9**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**52.9**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*78.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*76.6 %*	*70-130*		"	"	"	"	
North Side- 5' (5D25001-16) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	ED52502	04/25/05	04/25/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*76.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*77.4 %*	*70-130*		"	"	"	"	

Larson & Associates, Inc.	Project: Will Cary	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 4-0123	**Reported:**
Midland TX, 79710	Project Manager: Mark Larson	04/27/05 13:53

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bottom- 28' (5D25001-01) Soil									
Chloride	**54.7**	5.00	mg/kg	10	ED52709	04/26/05	04/26/05	EPA 300.0	
% Moisture	**7.7**	0.1	%	1	ED52603	04/25/05	04/26/05	% calculation	
West Side- 20' (5D25001-02) Soil									
Chloride	**20.1**	5.00	mg/kg	10	ED52709	04/26/05	04/26/05	EPA 300.0	
% Moisture	**8.1**	0.1	%	1	ED52603	04/25/05	04/26/05	% calculation	
West Side- 15' (5D25001-03) Soil									
Chloride	**468**	20.0	mg/kg	40	ED52709	04/26/05	04/26/05	EPA 300.0	
% Moisture	**10.2**	0.1	%	1	ED52603	04/25/05	04/26/05	% calculation	
West Side- 5' (5D25001-04) Soil									
Chloride	**3110**	100	mg/kg	200	ED52709	04/26/05	04/26/05	EPA 300.0	
% Moisture	**8.4**	0.1	%	1	ED52603	04/25/05	04/26/05	% calculation	
South Side- 20' (5D25001-05) Soil									
Chloride	**55.9**	10.0	mg/kg	20	ED52709	04/26/05	04/26/05	EPA 300.0	
% Moisture	**7.8**	0.1	%	1	ED52603	04/25/05	04/26/05	% calculation	
South Side- 15' (5D25001-06) Soil									
Chloride	**14.8**	5.00	mg/kg	10	ED52709	04/26/05	04/26/05	EPA 300.0	
% Moisture	**8.8**	0.1	%	1	ED52603	04/25/05	04/26/05	% calculation	
South Side- 5' (5D25001-07) Soil									
Chloride	**18.1**	5.00	mg/kg	10	ED52709	04/26/05	04/26/05	EPA 300.0	
% Moisture	**10.7**	0.1	%	1	ED52603	04/25/05	04/26/05	% calculation	
East Side- South 20' (5D25001-08) Soil									
Chloride	**182**	20.0	mg/kg	40	ED52709	04/26/05	04/26/05	EPA 300.0	
% Moisture	**8.4**	0.1	%	1	ED52603	04/25/05	04/26/05	% calculation	

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

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
East Side- South 15' (5D25001-09) Soil									
Chloride	**40.3**	10.0	mg/kg	20	ED52709	04/26/05	04/26/05	EPA 300.0	
% Moisture	**7.1**	0.1	%	1	ED52603	04/25/05	04/26/05	% calculation	
East Side- South 5' (5D25001-10) Soil									
Chloride	**87.6**	10.0	mg/kg	20	ED52709	04/26/05	04/26/05	EPA 300.0	
% Moisture	**8.6**	0.1	%	1	ED52603	04/25/05	04/26/05	% calculation	
East Side- North 20' (5D25001-11) Soil									
Chloride	**481**	25.0	mg/kg	50	ED52709	04/26/05	04/26/05	EPA 300.0	
% Moisture	**16.2**	0.1	%	1	ED52603	04/25/05	04/26/05	% calculation	
East Side- North 15' (5D25001-12) Soil									
Chloride	**884**	33.3	mg/kg	66.66	ED52709	04/26/05	04/26/05	EPA 300.0	
% Moisture	**9.3**	0.1	%	1	ED52603	04/25/05	04/26/05	% calculation	
East Side- North 5' (5D25001-13) Soil									
Chloride	**1450**	50.0	mg/kg	100	ED52709	04/26/05	04/26/05	EPA 300.0	
% Moisture	**13.7**	0.1	%	1	ED52603	04/25/05	04/26/05	% calculation	
North Side- 20' (5D25001-14) Soil									
Chloride	**64.2**	10.0	mg/kg	20	ED52709	04/26/05	04/26/05	EPA 300.0	
% Moisture	**8.4**	0.1	%	1	ED52603	04/25/05	04/26/05	% calculation	
North Side- 15' (5D25001-15) Soil									
Chloride	**48.5**	10.0	mg/kg	20	ED52709	04/26/05	04/26/05	EPA 300.0	
% Moisture	**5.5**	0.1	%	1	ED52603	04/25/05	04/26/05	% calculation	
North Side- 5' (5D25001-16) Soil									
Chloride	**608**	50.0	mg/kg	100	ED52709	04/26/05	04/26/05	EPA 300.0	
% Moisture	**9.3**	0.1	%	1	ED52603	04/25/05	04/26/05	% 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 ED52502 - Solvent Extraction (GC)										
Blank (ED52502-BLK1)				Prepared & Analyzed: 04/25/05						
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	*44.8*		*mg/kg*	*50.0*		*89.6*	*70-130*			
Surrogate: 1-Chlorooctadecane	*43.4*		"	*50.0*		*86.8*	*70-130*			
LCS (ED52502-BS1)				Prepared & Analyzed: 04/25/05						
Gasoline Range Organics C6-C12	450	10.0	mg/kg wet	500		90.0	75-125			
Diesel Range Organics >C12-C35	486	10.0	"	500		97.2	75-125			
Total Hydrocarbon C6-C35	936	10.0	"	1000		93.6	75-125			
Surrogate: 1-Chlorooctane	*46.0*		*mg/kg*	*50.0*		*92.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*38.1*		"	*50.0*		*76.2*	*70-130*			
Calibration Check (ED52502-CCV1)				Prepared & Analyzed: 04/25/05						
Gasoline Range Organics C6-C12	494		mg/kg	500		98.8	80-120			
Diesel Range Organics >C12-C35	501		"	500		100	80-120			
Total Hydrocarbon C6-C35	995		"	1000		99.5	80-120			
Surrogate: 1-Chlorooctane	*51.5*		"	*50.0*		*103*	*70-130*			
Surrogate: 1-Chlorooctadecane	*49.6*		"	*50.0*		*99.2*	*70-130*			
Matrix Spike (ED52502-MS1)	**Source: 5D25001-01**			Prepared & Analyzed: 04/25/05						
Gasoline Range Organics C6-C12	499	10.0	mg/kg dry	542	15.2	89.3	75-125			
Diesel Range Organics >C12-C35	666	10.0	"	542	133	98.3	75-125			
Total Hydrocarbon C6-C35	1170	10.0	"	1080	148	94.6	75-125			
Surrogate: 1-Chlorooctane	*56.1*		*mg/kg*	*50.0*		*112*	*70-130*			
Surrogate: 1-Chlorooctadecane	*51.1*		"	*50.0*		*102*	*70-130*			
Matrix Spike Dup (ED52502-MSD1)	**Source: 5D25001-01**			Prepared & Analyzed: 04/25/05						
Gasoline Range Organics C6-C12	508	10.0	mg/kg dry	542	15.2	90.9	75-125	1.79	20	
Diesel Range Organics >C12-C35	663	10.0	"	542	133	97.8	75-125	0.451	20	
Total Hydrocarbon C6-C35	1170	10.0	"	1080	148	94.6	75-125	0.00	20	
Surrogate: 1-Chlorooctane	*56.6*		*mg/kg*	*50.0*		*113*	*70-130*			
Surrogate: 1-Chlorooctadecane	*50.8*		"	*50.0*		*102*	*70-130*			

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 ED52602 - EPA 5030C (GC)										
Blank (ED52602-BLK1)				Prepared & Analyzed: 04/25/05						
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	*101*		*ug/kg*	*100*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*119*		*"*	*100*		*119*	*80-120*			
LCS (ED52602-BS1)				Prepared & Analyzed: 04/25/05						
Benzene	88.5		ug/kg	100		88.5	80-120			
Toluene	93.4		"	100		93.4	80-120			
Ethylbenzene	93.6		"	100		93.6	80-120			
Xylene (p/m)	210		"	200		105	80-120			
Xylene (o)	98.8		"	100		98.8	80-120			
Surrogate: a,a,a-Trifluorotoluene	*117*		*"*	*100*		*117*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*115*		*"*	*100*		*115*	*80-120*			
Calibration Check (ED52602-CCV1)				Prepared: 04/25/05 Analyzed: 04/26/05						
Benzene	94.3		ug/kg	100		94.3	80-120			
Toluene	97.6		"	100		97.6	80-120			
Ethylbenzene	89.1		"	100		89.1	80-120			
Xylene (p/m)	198		"	200		99.0	80-120			
Xylene (o)	95.6		"	100		95.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	*119*		*"*	*100*		*119*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*118*		*"*	*100*		*118*	*80-120*			
Matrix Spike (ED52602-MS1)	**Source: 5D25011-02**			Prepared: 04/25/05 Analyzed: 04/26/05						
Benzene	96.0		ug/kg	100	ND	96.0	80-120			
Toluene	103		"	100	ND	103	80-120			
Ethylbenzene	103		"	100	ND	103	80-120			
Xylene (p/m)	233		"	200	ND	116	80-120			
Xylene (o)	111		"	100	ND	111	80-120			
Surrogate: a,a,a-Trifluorotoluene	*111*		*"*	*100*		*111*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*117*		*"*	*100*		*117*	*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 ED52602 - EPA 5030C (GC)										
Matrix Spike Dup (ED52602-MSD1)	**Source: 5D25011-02**			Prepared: 04/25/05	Analyzed: 04/26/05					
Benzene	94.1		ug/kg	100	ND	94.1	80-120	2.00	20	
Toluene	100		"	100	ND	100	80-120	2.96	20	
Ethylbenzene	98.7		"	100	ND	98.7	80-120	4.26	20	
Xylene (p/m)	222		"	200	ND	111	80-120	4.41	20	
Xylene (o)	104		"	100	ND	104	80-120	6.51	20	
Surrogate: a,a,a-Trifluorotoluene	*106*		"	*100*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*114*		"	*100*		*114*	*80-120*			

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 ED52603 - General Preparation (Prep)										
Blank (ED52603-BLK1)				Prepared: 04/25/05 Analyzed: 04/26/05						
% Moisture	ND	0.1	%							
Duplicate (ED52603-DUP1)		Source: 5D25001-01		Prepared: 04/25/05 Analyzed: 04/26/05						
% Moisture	7.1	0.1	%		7.7			8.11	20	
Batch ED52709 - Water Extraction										
Blank (ED52709-BLK1)				Prepared & Analyzed: 04/26/05						
Chloride	ND	0.500	mg/kg							
Blank (ED52709-BLK2)				Prepared & Analyzed: 04/26/05						
Chloride	ND	0.500	mg/kg							
LCS (ED52709-BS1)				Prepared & Analyzed: 04/26/05						
Chloride	11.0		mg/L	10.0		110	80-120			
LCS (ED52709-BS2)				Prepared & Analyzed: 04/26/05						
Chloride	10.2		mg/L	10.0		102	80-120			
Calibration Check (ED52709-CCV1)				Prepared & Analyzed: 04/26/05						
Chloride	10.3		mg/L	10.0		103	80-120			
Calibration Check (ED52709-CCV2)				Prepared & Analyzed: 04/26/05						
Chloride	10.0		mg/L	10.0		100	80-120			
Duplicate (ED52709-DUP1)		Source: 5D26008-01		Prepared & Analyzed: 04/26/05						
Chloride	160	10.0	mg/kg		147			8.47	20	

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 ED52709 - Water Extraction										
Duplicate (ED52709-DUP2)		**Source: 5D25001-15**		Prepared & Analyzed: 04/26/05						
Chloride	46.9	10.0	mg/kg		48.5			3.35	20	

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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: Raland K Tuttle Date: 4-27-05

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
James L. Hawkins, Chemist/Geologist
Sandra Sanchez, Lab Tech.

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

Client: Larson & Assoc.

Date/Time: 4-22-05

Order #: 5D25001

Initials: KD

Sample Receipt Checklist

Temperature of container/cooler?	(Yes)	No	4.0 °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)	No Labels
Container labels legible and intact?	Yes	(No)	" "
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:

No Labels - made client aware of variances - written on lids.
2- Samples listed as West 5' - one with time of 9:20 Run as North 5'
Client aware of variances. Run as North 5' per mark 4-25-05 0900 MT.

Variance Documentation:

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

Regarding:

Corrective Action Taken:

CHAIN—OF—CUSTODY RECORD

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

CLIENT NAME: John W. Hendrix Corp.
SITE MANAGER: Mark Larson
PROJECT NO.: 4-0123
PROJECT NAME: Will Carry
PAGE 1 OF 1
LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS 4oz glass	TPH (Method 8015)	BTEX (Method 8021)	Chloride (Method 9253)	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
4/22/05	0815		X		Bottom - 28'	1	✓		✓	5D25001	-01
	0820				West Side - 20'	1	✓	✓	✓		-02
	0825				" 15'	1	✓		✓		-03
	0833				" 5'	1	✓		✓		-04
	0840				South Side 20'	1	✓		✓		-05
	0843				" 15'	1	✓	✓	✓		-06
	0846				" 5'	1	✓		✓		-07
	0850				East Side - South 20'	1	✓		✓		-08
	0853				" 15'	1	✓		✓		-09
	0855				" 5'	1	✓		✓		-10
	0900				East Side North 20'	1	✓		✓		-11
	0905				" 15'	1	✓		✓		-12
	0908				" 5'	1	✓		✓		-13
	0915				North Side 20'	1	✓		✓		-14
	0918				" 15'	1	✓		✓		-15
	0920		↓		" 5'	1	✓		✓		-16

SAMPLED BY: (Signature) DATE: 4/22/05 TIME: 0920
RELINQUISHED BY: (Signature) Steve Bell DATE: 4/22/05 TIME: 1600 1715
RECEIVED BY: (Signature) DATE: TIME:

RELINQUISHED BY: (Signature) DATE: 4/22/05 TIME: 1600
RECEIVED BY: (Signature) Steve Bell DATE: 4/22/05 TIME: 1600

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: Environmental Lab of Texas
ADDRESS: 1216 W I-20 East
CITY: Odessa STATE: TX ZIP: 79765
CONTACT: Roland Tuttle PHONE: (432) 563-1800
RECEIVED BY: (Signature) Roland Tuttle
DATE: 4-22-05 TIME: 1715

SAMPLE CONDITION WHEN RECEIVED: Rec 4.0 °C
LA CONTACT PERSON: Mark Larson
SAMPLE TYPE: Soil

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/ Will Cargo #5

Project Number: 4-0123

Location: None Given

Lab Order Number: 5G21014

Report Date: 07/26/05

Larson & Associates, Inc.	Project: John H. Hendrix/ Will Cargo #5	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 4-0123	**Reported:**
Midland TX, 79710	Project Manager: Mark Larson	07/26/05 11:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Bottom, 28'	5G21014-01	Soil	07/21/05 07:40	07/21/05 14:50
West, 20'	5G21014-02	Soil	07/21/05 07:47	07/21/05 14:50
West, 7'	5G21014-03	Soil	07/21/05 07:54	07/21/05 14:50
Southwest, 12'	5G21014-04	Soil	07/21/05 08:04	07/21/05 14:50
South, 17'	5G21014-05	Soil	07/21/05 08:14	07/21/05 14:50
South, 12'	5G21014-06	Soil	07/21/05 08:20	07/21/05 14:50
South, 3'	5G21014-07	Soil	07/21/05 08:25	07/21/05 14:50

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

Larson & Associates, Inc.	Project: John H. Hendrix/ Will Cargo #5	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 4-0123	**Reported:**
Midland TX, 79710	Project Manager: Mark Larson	07/26/05 11:04

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bottom, 28' (5G21014-01) Soil									
Gasoline Range Organics C6-C12	**36.3**	10.0	mg/kg dry	1	EG52114	07/22/05	07/23/05	EPA 8015M	
Diesel Range Organics >C12-C35	**285**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**321**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*82.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*88.6 %*	*70-130*		"	"	"	"	
West, 20' (5G21014-02) Soil									
Gasoline Range Organics C6-C12	**15.7**	10.0	mg/kg dry	1	EG52114	07/22/05	07/23/05	EPA 8015M	
Diesel Range Organics >C12-C35	**220**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**236**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*76.2 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*81.0 %*	*70-130*		"	"	"	"	
West, 7' (5G21014-03) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG52114	07/22/05	07/23/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*82.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*78.4 %*	*70-130*		"	"	"	"	
Southwest, 12' (5G21014-04) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG52114	07/22/05	07/23/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*81.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*78.6 %*	*70-130*		"	"	"	"	
South, 17' (5G21014-05) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG52114	07/22/05	07/23/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*86.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*82.6 %*	*70-130*		"	"	"	"	

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
South, 12' (5G21014-06) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG52114	07/22/05	07/23/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*71.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*82.0 %*	*70-130*		"	"	"	"	
South, 3' (5G21014-07) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG52114	07/22/05	07/23/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*70.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*78.6 %*	*70-130*		"	"	"	"	

Larson & Associates, Inc.	Project: John H. Hendrix/ Will Cargo #5	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 4-0123	**Reported:**
Midland TX, 79710	Project Manager: Mark Larson	07/26/05 11:04

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bottom, 28' (5G21014-01) Soil									
Chloride	**93.5**	5.00	mg/kg	10	EG52512	07/23/05	07/23/05	EPA 300.0	
% Moisture	**5.7**	0.1	%	1	EG52516	07/22/05	07/25/05	% calculation	
West, 20' (5G21014-02) Soil									
Chloride	**2500**	50.0	mg/kg	100	EG52512	07/23/05	07/23/05	EPA 300.0	
% Moisture	**9.8**	0.1	%	1	EG52516	07/22/05	07/25/05	% calculation	
West, 7' (5G21014-03) Soil									
Chloride	**476**	10.0	mg/kg	20	EG52512	07/23/05	07/23/05	EPA 300.0	
% Moisture	**6.9**	0.1	%	1	EG52516	07/22/05	07/25/05	% calculation	
Southwest, 12' (5G21014-04) Soil									
Chloride	**847**	10.0	mg/kg	20	EG52512	07/23/05	07/23/05	EPA 300.0	
% Moisture	**8.7**	0.1	%	1	EG52516	07/22/05	07/25/05	% calculation	
South, 17' (5G21014-05) Soil									
Chloride	**730**	10.0	mg/kg	20	EG52512	07/23/05	07/23/05	EPA 300.0	
% Moisture	**5.8**	0.1	%	1	EG52516	07/22/05	07/25/05	% calculation	
South, 12' (5G21014-06) Soil									
Chloride	**733**	10.0	mg/kg	20	EG52512	07/23/05	07/23/05	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	EG52516	07/22/05	07/25/05	% calculation	
South, 3' (5G21014-07) Soil									
Chloride	**1470**	25.0	mg/kg	50	EG52512	07/23/05	07/23/05	EPA 300.0	
% Moisture	**8.1**	0.1	%	1	EG52516	07/22/05	07/25/05	% calculation	

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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 EG52114 - Solvent Extraction (GC)										
Blank (EG52114-BLK1)				Prepared: 07/21/05 Analyzed: 07/23/05						
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	*36.7*		*mg/kg*	*50.0*		*73.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*42.5*		*"*	*50.0*		*85.0*	*70-130*			
LCS (EG52114-BS1)				Prepared: 07/21/05 Analyzed: 07/23/05						
Gasoline Range Organics C6-C12	435	10.0	mg/kg wet	500		87.0	75-125			
Diesel Range Organics >C12-C35	441	10.0	"	500		88.2	75-125			
Total Hydrocarbon C6-C35	876	10.0	"	1000		87.6	75-125			
Surrogate: 1-Chlorooctane	*51.3*		*mg/kg*	*50.0*		*103*	*70-130*			
Surrogate: 1-Chlorooctadecane	*42.5*		*"*	*50.0*		*85.0*	*70-130*			
Calibration Check (EG52114-CCV1)				Prepared: 07/21/05 Analyzed: 07/23/05						
Gasoline Range Organics C6-C12	441		mg/kg	500		88.2	80-120			
Diesel Range Organics >C12-C35	477		"	500		95.4	80-120			
Total Hydrocarbon C6-C35	918		"	1000		91.8	80-120			
Surrogate: 1-Chlorooctane	*54.5*		*"*	*50.0*		*109*	*70-130*			
Surrogate: 1-Chlorooctadecane	*43.5*		*"*	*50.0*		*87.0*	*70-130*			
Matrix Spike (EG52114-MS1)	**Source: 5G21014-05**			Prepared: 07/21/05 Analyzed: 07/23/05						
Gasoline Range Organics C6-C12	488	10.0	mg/kg dry	531	ND	91.9	75-125			
Diesel Range Organics >C12-C35	479	10.0	"	531	ND	90.2	75-125			
Total Hydrocarbon C6-C35	967	10.0	"	1060	ND	91.2	75-125			
Surrogate: 1-Chlorooctane	*53.2*		*mg/kg*	*50.0*		*106*	*70-130*			
Surrogate: 1-Chlorooctadecane	*42.8*		*"*	*50.0*		*85.6*	*70-130*			
Matrix Spike Dup (EG52114-MSD1)	**Source: 5G21014-05**			Prepared: 07/21/05 Analyzed: 07/23/05						
Gasoline Range Organics C6-C12	479	10.0	mg/kg dry	531	ND	90.2	75-125	1.86	20	
Diesel Range Organics >C12-C35	450	10.0	"	531	ND	84.7	75-125	6.24	20	
Total Hydrocarbon C6-C35	929	10.0	"	1060	ND	87.6	75-125	4.01	20	
Surrogate: 1-Chlorooctane	*52.7*		*mg/kg*	*50.0*		*105*	*70-130*			
Surrogate: 1-Chlorooctadecane	*42.3*		*"*	*50.0*		*84.6*	*70-130*			

Larson & Associates, Inc.	Project: John H. Hendrix/ Will Cargo #5	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 4-0123	**Reported:**
Midland TX, 79710	Project Manager: Mark Larson	07/26/05 11:04

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 EG52512 - Water Extraction										
Blank (EG52512-BLK1)				Prepared & Analyzed: 07/23/05						
Chloride	ND	0.500	mg/kg							
LCS (EG52512-BS1)				Prepared & Analyzed: 07/23/05						
Chloride	10.7		mg/L	10.0		107	80-120			
Calibration Check (EG52512-CCV1)				Prepared & Analyzed: 07/23/05						
Chloride	10.6		mg/L	10.0		106	80-120			
Duplicate (EG52512-DUP1)	**Source: 5G20024-02**			Prepared & Analyzed: 07/23/05						
Chloride	1390	25.0	mg/kg		1380			0.722	20	
Batch EG52516 - General Preparation (Prep)										
Blank (EG52516-BLK1)				Prepared: 07/22/05 Analyzed: 07/25/05						
% Moisture	ND	0.1	%							
Duplicate (EG52516-DUP1)	**Source: 5G21014-01**			Prepared: 07/22/05 Analyzed: 07/25/05						
% Moisture	5.5	0.1	%		5.7			3.57	20	

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Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Celey D. Keene Date: 7/26/2005

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer

Jeanne Mc Murrey, Inorg. Tech Director
James L. Hawkins, Chemist/Geologist
Sandra Sanchez, Lab Tech.

CHAIN—OF—CUSTODY RECORD

CLIENT NAME: John H. Hendrix	SITE MANAGER: M. Larson
PROJECT NO.: 4-0123	PROJECT NAME: Will Carey #5
PAGE 1 OF 1	LAB. PO #

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

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	TPH (EPA 8015 DRO)	Chloride	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
							PARAMETERS/METHOD NUMBER		SG21014	
7/21/05	0740		X		bottom, 23'	1	X	X	-01	
	0747		X		West, 20'	1	X	X	-02	
	0754		X		West, 7'	1	X	X	-03	
	0804		X		Southwest, 12'	1	X	X	-04	
	0814		X		South, 17'	1	X	X	-05	
	0820		X		South, 12'	1	X	X	-06	
↓	0825		X		South, 3'	1	X	X	-07	

SAMPLED BY: (Signature)	DATE: 7/21/05 TIME: 0825	RELINQUISHED BY: (Signature) DATE: 7/21/05 TIME: 1450
RECEIVED BY: (Signature)	DATE: TIME:	
RELINQUISHED BY: (Signature)	DATE: TIME:	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: Environmental Lab of Texas
ADDRESS: 12600 E I-20 W
CITY: Odessa STATE: TX ZIP:
CONTACT: Roland Tuttle PHONE: (432) 563-1800
RECEIVED BY: (Signature)
DATE: 7/21/05 TIME: 1450

SAMPLE CONDITION WHEN RECEIVED:
1.5°C w/ labels

LA CONTACT PERSON:
Mark Larson

SAMPLE TYPE:
Soil

Environmental Lab of Texas

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

Client: Larson & Assoc.

Date/Time: 7/21/05 14:50

Order #: 5G21014

Initials: CR

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	1.5 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	
Container labels legible and intact?	(Yes)	No	
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:

_____

_____

_____

_____

_____

_____

_____

_____

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/ Will Cary #5

Project Number: 4-0123

Location: None Given

Lab Order Number: 5G21014

Report Date: 08/08/05

Larson & Associates, Inc.	Project: John H. Hendrix/ Will Cary #5	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 4-0123	Reported:
Midland TX, 79710	Project Manager: Mark Larson	08/08/05 13:01

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Bottom, 28'	5G21014-01	Soil	07/21/05 07:40	07/21/05 14:50
West, 20'	5G21014-02	Soil	07/21/05 07:47	07/21/05 14:50
West, 7'	5G21014-03	Soil	07/21/05 07:54	07/21/05 14:50
Southwest, 12'	5G21014-04	Soil	07/21/05 08:04	07/21/05 14:50
South, 17'	5G21014-05	Soil	07/21/05 08:14	07/21/05 14:50
South, 12'	5G21014-06	Soil	07/21/05 08:20	07/21/05 14:50
South, 3'	5G21014-07	Soil	07/21/05 08:25	07/21/05 14:50

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

Larson & Associates, Inc.	Project: John H. Hendrix/ Will Cary #5	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 4-0123	**Reported:**
Midland TX, 79710	Project Manager: Mark Larson	08/08/05 13:01

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bottom, 28' (5G21014-01) Soil									
Gasoline Range Organics C6-C12	**36.3**	10.0	mg/kg dry	1	EG52114	07/22/05	07/23/05	EPA 8015M	
Diesel Range Organics >C12-C35	**285**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**321**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*82.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*88.6 %*	*70-130*		"	"	"	"	
West, 20' (5G21014-02) Soil									
Gasoline Range Organics C6-C12	**15.7**	10.0	mg/kg dry	1	EG52114	07/22/05	07/23/05	EPA 8015M	
Diesel Range Organics >C12-C35	**220**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**236**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*76.2 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*81.0 %*	*70-130*		"	"	"	"	
West, 7' (5G21014-03) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG52114	07/22/05	07/23/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*82.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*78.4 %*	*70-130*		"	"	"	"	
Southwest, 12' (5G21014-04) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG52114	07/22/05	07/23/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*81.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*78.6 %*	*70-130*		"	"	"	"	
South, 17' (5G21014-05) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG52114	07/22/05	07/23/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*86.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*82.6 %*	*70-130*		"	"	"	"	

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
South, 12' (5G21014-06) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG52114	07/22/05	07/23/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*71.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*82.0 %*	*70-130*		"	"	"	"	
South, 3' (5G21014-07) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG52114	07/22/05	07/23/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*70.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*78.6 %*	*70-130*		"	"	"	"	

Larson & Associates, Inc.	Project: John H. Hendrix/ Will Cary #5	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 4-0123	**Reported:**
Midland TX, 79710	Project Manager: Mark Larson	08/08/05 13:01

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bottom, 28' (5G21014-01) Soil									
Chloride	**93.5**	5.00	mg/kg	10	EG52512	07/23/05	07/23/05	EPA 300.0	
% Moisture	**5.7**	0.1	%	1	EG52516	07/22/05	07/25/05	% calculation	
West, 20' (5G21014-02) Soil									
Chloride	**2500**	50.0	mg/kg	100	EG52512	07/23/05	07/23/05	EPA 300.0	
% Moisture	**9.8**	0.1	%	1	EG52516	07/22/05	07/25/05	% calculation	
West, 7' (5G21014-03) Soil									
Chloride	**476**	10.0	mg/kg	20	EG52512	07/23/05	07/23/05	EPA 300.0	
% Moisture	**6.9**	0.1	%	1	EG52516	07/22/05	07/25/05	% calculation	
Southwest, 12' (5G21014-04) Soil									
Chloride	**847**	10.0	mg/kg	20	EG52512	07/23/05	07/23/05	EPA 300.0	
% Moisture	**8.7**	0.1	%	1	EG52516	07/22/05	07/25/05	% calculation	
South, 17' (5G21014-05) Soil									
Chloride	**730**	10.0	mg/kg	20	EG52512	07/23/05	07/23/05	EPA 300.0	
% Moisture	**5.8**	0.1	%	1	EG52516	07/22/05	07/25/05	% calculation	
South, 12' (5G21014-06) Soil									
Chloride	**733**	10.0	mg/kg	20	EG52512	07/23/05	07/23/05	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	EG52516	07/22/05	07/25/05	% calculation	
South, 3' (5G21014-07) Soil									
Chloride	**1470**	25.0	mg/kg	50	EG52512	07/23/05	07/23/05	EPA 300.0	
% Moisture	**8.1**	0.1	%	1	EG52516	07/22/05	07/25/05	% calculation	

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

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 EG52114 - Solvent Extraction (GC)										
Blank (EG52114-BLK1)				Prepared: 07/21/05 Analyzed: 07/23/05						
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	*36.7*		*mg/kg*	*50.0*		*73.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*42.5*		*"*	*50.0*		*85.0*	*70-130*			
LCS (EG52114-BS1)				Prepared: 07/21/05 Analyzed: 07/23/05						
Gasoline Range Organics C6-C12	435	10.0	mg/kg wet	500		87.0	75-125			
Diesel Range Organics >C12-C35	441	10.0	"	500		88.2	75-125			
Total Hydrocarbon C6-C35	876	10.0	"	1000		87.6	75-125			
Surrogate: 1-Chlorooctane	*51.3*		*mg/kg*	*50.0*		*103*	*70-130*			
Surrogate: 1-Chlorooctadecane	*42.5*		*"*	*50.0*		*85.0*	*70-130*			
Calibration Check (EG52114-CCV1)				Prepared: 07/21/05 Analyzed: 07/23/05						
Gasoline Range Organics C6-C12	441		mg/kg	500		88.2	80-120			
Diesel Range Organics >C12-C35	477		"	500		95.4	80-120			
Total Hydrocarbon C6-C35	918		"	1000		91.8	80-120			
Surrogate: 1-Chlorooctane	*54.5*		*"*	*50.0*		*109*	*70-130*			
Surrogate: 1-Chlorooctadecane	*43.5*		*"*	*50.0*		*87.0*	*70-130*			
Matrix Spike (EG52114-MS1)	**Source: 5G21014-05**			Prepared: 07/21/05 Analyzed: 07/23/05						
Gasoline Range Organics C6-C12	488	10.0	mg/kg dry	531	ND	91.9	75-125			
Diesel Range Organics >C12-C35	479	10.0	"	531	ND	90.2	75-125			
Total Hydrocarbon C6-C35	967	10.0	"	1060	ND	91.2	75-125			
Surrogate: 1-Chlorooctane	*53.2*		*mg/kg*	*50.0*		*106*	*70-130*			
Surrogate: 1-Chlorooctadecane	*42.8*		*"*	*50.0*		*85.6*	*70-130*			
Matrix Spike Dup (EG52114-MSD1)	**Source: 5G21014-05**			Prepared: 07/21/05 Analyzed: 07/23/05						
Gasoline Range Organics C6-C12	479	10.0	mg/kg dry	531	ND	90.2	75-125	1.86	20	
Diesel Range Organics >C12-C35	450	10.0	"	531	ND	84.7	75-125	6.24	20	
Total Hydrocarbon C6-C35	929	10.0	"	1060	ND	87.6	75-125	4.01	20	
Surrogate: 1-Chlorooctane	*52.7*		*mg/kg*	*50.0*		*105*	*70-130*			
Surrogate: 1-Chlorooctadecane	*42.3*		*"*	*50.0*		*84.6*	*70-130*			

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 EG52512 - Water Extraction										
Blank (EG52512-BLK1)				Prepared & Analyzed: 07/23/05						
Chloride	ND	0.500	mg/kg							
LCS (EG52512-BS1)				Prepared & Analyzed: 07/23/05						
Chloride	10.7		mg/L	10.0		107	80-120			
Calibration Check (EG52512-CCV1)				Prepared & Analyzed: 07/23/05						
Chloride	10.6		mg/L	10.0		106	80-120			
Duplicate (EG52512-DUP1)	**Source: 5G20024-02**			Prepared & Analyzed: 07/23/05						
Chloride	1390	25.0	mg/kg		1380			0.722	20	
Batch EG52516 - General Preparation (Prep)										
Blank (EG52516-BLK1)				Prepared: 07/22/05 Analyzed: 07/25/05						
% Moisture	ND	0.1	%							
Duplicate (EG52516-DUP1)	**Source: 5G21014-01**			Prepared: 07/22/05 Analyzed: 07/25/05						
% Moisture	5.5	0.1	%		5.7			3.57	20	

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Larson & Associates, Inc.	Project: John H. Hendrix/ Will Cary #5	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 4-0123	**Reported:**
Midland TX, 79710	Project Manager: Mark Larson	08/08/05 13:01

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Raland K Tuttle Date: 8/8/2005

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 & Assoc.

Date/Time: 7/21/05 14:50

Order #: 5G21014

Initials: CR

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	1.5 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	
Container labels legible and intact?	(Yes)	No	
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:

_____

_____

_____

_____

_____

_____

_____

CHAIN—OF—CUSTODY RECORD

CLIENT NAME: John H. Hendrix

SITE MANAGER: M. Larson

PROJECT NO.: 4-0123

PROJECT NAME: Will Carey #5

PAGE 1 OF 1

LAB. PO #

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

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: TPH (GRO + DRO) 8015	PARAMETERS/METHOD NUMBER: Chloride	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
7/21/05	0740		✓		bottom, 28'	1	✓	✓	571014-01	
	0747		✓		West, 20'	1	✓	✓	-02	
	0754		✓		West, 7'	1	✓	✓	-03	
	0804		✓		Southwest, 12'	1	✓	✓	-04	
	0814		✓		South, 17'	1	✓	✓	-05	
	0820		✓		South, 12'	1	✓	✓	-06	
↓	0825		✓		South, 3'	1	✓	✓	-07	

SAMPLED BY: (Signature) DATE: 7/21/05 TIME: 0825

RELINQUISHED BY: (Signature) DATE: 7/21/05 TIME: 1450

RECEIVED BY: (Signature) DATE: TIME:

RELINQUISHED BY: (Signature) DATE: TIME:

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: Environmental Lab of Texas
ADDRESS: 12600 E I-20 W
CITY: Odessa STATE: TX ZIP:
CONTACT: Roland Tuttle PHONE: (432) 563-1800

RECEIVED BY: (Signature)
DATE: 7/21/05 TIME: 1450

SAMPLE CONDITION WHEN RECEIVED:
1.5°C w/ labels

LA CONTACT PERSON: Mark Larson

SAMPLE TYPE: Soil