GW-5

Landfarm Monitoring Report 2009

Larson & Associates, Inc.
Environmental Consultants

November 9, 2009

VIA EMAIL: glenn.vongonten@state.nm.us

Mr. Glenn VonGonten
State of New Mexico – Department of Natural Resources
Oil Conservation Division – Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Targa Midstream Services
Eunice-Middle Gas Plant Surface Waste Management Facility - GW-005
Unit Letter A (NE/4, NE/4), Section 3, Township 22 South, Range 37 East
Lea County, New Mexico

Dear Mr. VonGonten:

Larson & Associates, Inc. (LAI), as consultant to Targa Midstream Services, L.P. (Targa), submits this request to the New Mexico Oil Conservation Division (OCD) to remove the treatment zone soil from Cell 1 (sub cells A, B and C) for the above referenced centralized surface waste management facility.

Samples of treatment zone soil have been collected on a quarterly schedule from Cell 1 (sub-cells A, B and C). The treatment zone sample results for Cells 1A, 1B and 1C indicate that the remediation levels for Benzene (0.2 ppm), Total BTEX (50 ppm), TPH (500 ppm) and Chloride (500 ppm) have been achieved.

On October 21, 2009, LAI personnel collected additional composite samples for closure performance parameters specified in Section 20(B)(6) of the facility Groundwater Discharge Plan. The Cells were below the established background levels for Volatile Organic Compounds (VOC), Semi-volatile Organic Compounds (SVOC), Polychlorinated Biphenyls (PCB), select Metals and Radioactivity.

The Cells were above the established background for the following constituents:

	Cell 1A Background	Cell 1A	Cell 1B Background	Cell 1B	Cell 1C Background	Cell 1C	Cell 1C
Metals							
Chromium	4.68	**16.9**	80	14.5	7.48	**9.18**	**11.0**
Copper	4.9	**39.4**	21.4	8.44	4.08	3.97	**4.13**
Iron	3480	**5880**	4100	**5770**	4910	**7010**	**7150**
Lead	4.30	**13.1**	49.1	6.04	3.16	**3.86**	**4.27**
Manganese	39	**63.0**	75.7	57.3	72.8	56.8	**74.2**
Selenium	1.93	0.493	0.506	**0.526**	<1.50	0.544	0.611
Zinc	21.1	**81.9**	50.1	28.9	20.5	15.7	17.6
Mercury	0.02505	**1.11**	0.1308	**0.141**	0.06681	0.0365	0.0595
Inorganic Compounds							
Nitrate-N	2.47	**18.4**	2.66	<5.39	0.835	<5.39	<5.26
Sulfate	600	205	600	139	600	**3400**	255

The metal, nitrate-n and sulfate concentrations are below the industrial and occupational soil screening levels (SSL) established by the New Mexico Environment Department (NMED) presented in the document titled *"Technical Background Document for Development of Soil Screening Levels, Revision 4, June 2006"*.

A summary of analytical data table is presented in Tables 1. Analytical reports are presented in Appendix A.

Conclusion

Targa requests approval to remove the remediated soil from Cells 1A, 1B, and 1C based upon the results of the recent sampling events. According to land farm soil logs Cell 1 has accepted approximately 580 cubic yards of TPH contaminated soil. The remediated soil will be stockpiled west of Cells 1A and 1B. Targa proposes to use the remediated soil to fill the excavation located near the southeast corner of the plant in the vicinity on MW-03. The excavation is greater than 100 feet from the property fence. Remaining soil will be used as general fill material (i.e. berms, fill, etc.) at least 100 feet from the property fence. Topographic map and proposed stockpile and excavation locations are presented in figures 1 and 2.

A copy of this request and response will also be included in the Annual Report for 2009. If you have any questions or require additional information please contact Mr. Cal Wrangham with Targa at (432) 688-0542 or email cwrangham@targaresources.com or myself at (432) 687-0901 or email michelle@laenvironmental.com.

Sincerely,
Larson & Associates, Inc.

Michelle L. Green
Environmental Scientist

Enclosure

cc: Cal Wrangham – Targa
James Lingnau – Targa
Brad Jones – NM OCD

Table 1
Soil Closure Constituents - Treatment Zone Surface Waste Management Facility
Targa Midstream - Eunice Gas Plant
Lea County, New Mexico

Parameter	Reporting Units	Closure Constituent	Cell 1A (0-1) 9/29/09	Closure Constituent	Cell 1B (0-1) 9/29/09	Closure Constituent	Cell 1C (0-1) 9/29/09	Cell 1C-1 (0-1) 9/29/09
Total Petroleum Hydrocartons								
TPH - DRO	mg/Kg	--	215	--	22.4	--	398	274
TPH - GRO	mg/Kg	--	<0.0968	--	<0.0962	--	<0.100	<0.102
TPH - Total (8015B)	mg/Kg	500	215	500	22.4	500	398	271
TRPH - (418.1)	mg/Kg	2500	**2590**	2500	171	2500	62.5	113
Volatile Organic Compounds								
Benzene	mg/Kg	0.2	<0.00292	0.2	<0.00304	0.2	<0.00295	<0.00293
Ethylbenzene	mg/Kg	--	<0.00487	--	<0.00507	--	<0.00492	<0.00488
Toluene	mg/Kg	--	<0.00487	--	<0.00507	--	<0.00492	<0.00488
Total Xylenes	mg/Kg	--	<0.00487	--	<0.00507	--	<0.00492	<0.00488
Total BTEX	mg/Kg	50	<0.00292	50	<0.00304	50	<0.00295	<0.00293
Inorganic Compounds								
Chloride	mg/Kg	500	48.7	500	<5.39	500	283	19.0
Parameters	**Reporting Units**	**Cell 1A (3-4) Background 2006**	***Cell 1A (0-1) 10/21/2009***	**Cell 1B (3-4) Background 2006**	***Cell 1B (0-1) 10/21/2009***	**Cell 1C (3-4) Background 2006**	***Cell 1C (0-1) 10/21/2009***	***Cell 1C-1 (0-1) 10/21/2009***
Volatile Organic Compounds								
1,1,1-Trichloroethane	mg/Kg	<0.025	<0.00103	<0.025	<0.000975	<0.025	<0.00106	<0.00104
1,1,2,2-Tetrachloroethane	mg/Kg	<0.025	<0.00103	<0.025	<0.000975	<0.025	<0.00106	<0.00104
1,1,2-Trichloroethane	mg/Kg	<0.025	<0.00103	<0.025	<0.000975	<0.025	<0.00106	<0.00104
1,1-Dichloroethane	mg/Kg	<0.025	<0.00103	<0.025	<0.000975	<0.025	<0.00106	<0.00104
1,1-Dichloroethene	mg/Kg	<0.025	<0.00103	<0.025	<0.000975	<0.025	<0.00106	<0.00104
1,2-Dichloroethane	mg/Kg	<0.025	<0.00103	<0.025	<0.000975	<0.025	<0.00106	<0.00104
Carbon tetrachloride	mg/Kg	<0.025	<0.00103	<0.025	<0.000975	<0.025	<0.00106	<0.00104
Chloroform	mg/Kg	<0.025	<0.00103	<0.025	<0.000975	<0.025	<0.00106	<0.00104
Ethylene dibromide	mg/Kg	--	<0.00103	--	<0.000975	--	<0.00106	<0.00104
Methylene chloride	mg/Kg	<0.025	<0.00514	<0.025	<0.00488	<0.025	<0.00528	<0.00518
Tetrachloroethene	mg/Kg	<0.025	<0.00103	<0.025	<0.000975	<0.025	<0.00106	<0.00104
Trichloroethene	mg/Kg	<0.025	<0.00103	<0.025	<0.000975	<0.025	<0.00106	<0.00104
Vinyl chloride	mg/Kg	<0.025	<0.00103	<0.025	<0.000975	<0.025	<0.00106	<0.00104
Semivolatile & PAH Compounds								
Benzo[a]pyrene	mg/Kg	<0.2	<0.0303	<0.2	<0.0306	<0.2	<0.0321	<0.0308
1-Methylnaphthalene	mg/Kg	0.13	<0.0101	0.428	<0.0102	0.0479	<0.0107	<0.0103
2-Methylnaphthalene	mg/Kg	--	<0.0202	--	<0.0204	--	<0.0214	<0.0206
Naphthalene	mg/Kg	<0.2	<0.0101	<0.2	<0.0102	<0.2	<0.0107	<0.0103
2,4,5-Trichlorophenol	mg/Kg	--	<0.0724	--	<0.0757	--	<0.0726	<0.0722
2,4,6-Trichlorophenol	mg/Kg	--	<0.0724	--	<0.0757	--	<0.0726	<0.0722
2,4-Dichlorophenol	mg/Kg	--	<0.062	--	<0.0649	--	<0.0622	<0.0619
2,4-Dimethylphenol	mg/Kg	--	<0.0827	--	<0.0865	--	<0.0829	<0.0825
2,4-Dinitrophenol	mg/Kg	--	<0.062	--	<0.0649	--	<0.0622	<0.0619
2-Chlorophenol	mg/Kg	--	<0.0517	--	<0.0541	--	<0.0518	<0.0516
2-Methylphenol	mg/Kg	--	<0.0724	--	<0.0757	--	<0.0726	<0.0722
2-Nitrophenol	mg/Kg	--	<0.0724	--	<0.0757	--	<0.0726	<0.0722
4,6-Dinitro-2-methylphenol	mg/Kg	--	<0.0827	--	<0.0865	--	<0.0829	<0.0825
4-Chloro-3-methylphenol	mg/Kg	--	<0.062	--	<0.0649	--	<0.0622	<0.0619
4-Methylphenol	mg/Kg	--	<0.103	--	<0.108	--	<0.104	<0.103
4-Nitrophenol	mg/Kg	--	<0.145	--	<0.151	--	<0.145	<0.144
Pentachlorophenol	mg/Kg	--	<0.093	--	<0.0974	--	<0.0933	<0.0928
Phenol	mg/Kg	--	<0.062	--	<0.0649	--	<0.0622	<0.0619
Total Phenols	mg/Kg	<0.05	<0.0517	<0.05	<0.0541	<0.05	<0.0518	<0.0516
PCB Compounds								
Aroclor 1016	mg/Kg	<0.0321	<0.0049	<0.0184	<0.0528	<0.0186	<0.0535	<0.0542
Aroclor 1221	mg/Kg	<0.0321	<0.0049	<0.0184	<0.0528	<0.0186	<0.0535	<0.0542
Aroclor 1232	mg/Kg	<0.0321	<0.0049	<0.0184	<0.0528	<0.0186	<0.0535	<0.0542
Aroclor 1242	mg/Kg	<0.0321	<0.0049	<0.0184	<0.0528	<0.0186	<0.0535	<0.0542
Aroclor 1248	mg/Kg	<0.0321	<0.0049	<0.0184	<0.0528	<0.0186	<0.0535	<0.0542
Aroclor 1254	mg/Kg	<0.0321	<0.0049	<0.0184	<0.0528	<0.0186	<0.0535	<0.0542
Aroclor 1260	mg/Kg	<0.0321	<0.0049	<0.0184	<0.0528	<0.0186	<0.0535	<0.0542
Metals								
Arsenic	mg/Kg	7.02	4.12	2.94	2.65	2.87	1.90	2.34
Barium	mg/Kg	133	84.4	157	102	116	59.8	48.5
Cadmium	mg/Kg	0.405	0.296	<0.346	0.309	<0.346	<0.104	<0.0978
Chromium	mg/Kg	4.68	**16.9**	80	14.5	7.48	**9.18**	**11.0**
Copper	mg/Kg	4.9	**39.4**	21.4	8.44	4.08	3.97	**4.13**
Iron	mg/Kg	3480	**5880**	4100	**5770**	4910	**7010**	**7150**
Lead	mg/Kg	4.30	**13.1**	49.1	6.04	3.16	**3.86**	**4.27**
Manganese	mg/Kg	39	**63.0**	75.7	57.3	72.8	56.8	**74.2**
Selenium	mg/Kg	1.93	0.493	0.506	**0.526**	<1.50	0.544	0.611
Silver	mg/Kg	0.29	<0.091	0.242	<0.107	0.235	<0.104	<0.0978
Uranium	mg/Kg	<5	<0.91	--	<1.07	<5.59	<1.04	<0.978
Zinc	mg/Kg	21.1	**81.9**	50.1	28.9	20.5	15.7	17.6
Mercury	mg/Kg	0.02505	**1.11**	0.1308	**0.141**	0.06681	0.0365	0.0595
Inorganic Compounds								
Fluoride	mg/Kg	5.35	2.94	12.8	2.3	5.66	2.14	2.97
Nitrate-N	mg/Kg	2.47	**18.4**	2.66	<5.39	0.835	<5.39	<5.26
Sulfate*	mg/Kg	600	205	600	139	600	**3400**	255
Cyanide, Total	mg/Kg	<0.09	<0.204	<0.09	<0.2	<0.09	<0.204	<0.209
Radioactivity								
Radium 226 & Radium 228	pCi/gm	--	<1.51	--	<1.68	--	<1.55	<1.62

Notes

Analyses performed by DHL Analytical, Round Rock, Texas

Radioactivity analysis was performed by Environmental Laboratory of Texas, Odessa, Texas

mg/Kg - milligrams per kilogram

< - Less than method detection limit

* - Acceptable PQL

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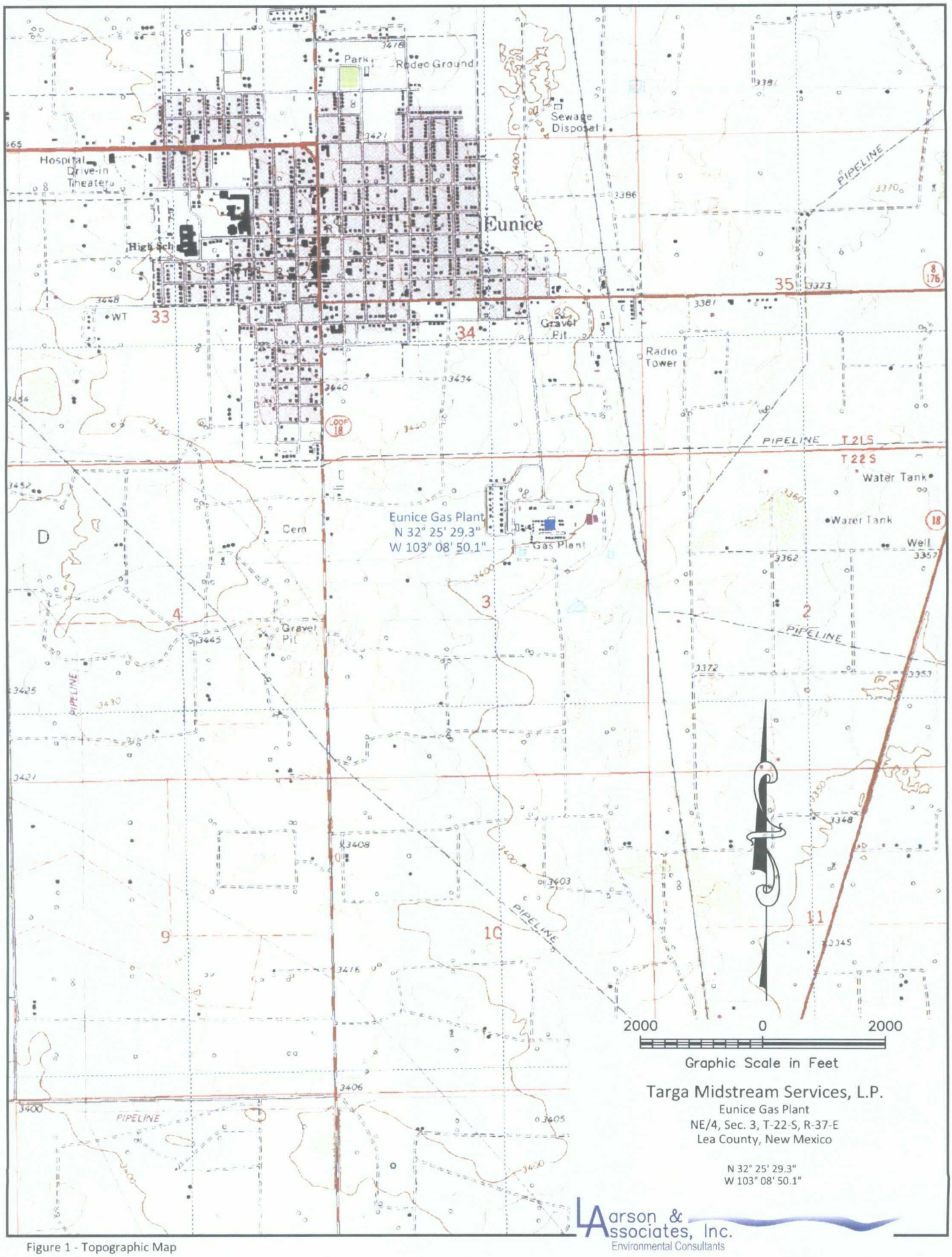
JWW



Targa Midstream Services, L.P.

Eunice Gas Plant

NE/4, Sec. 3, T-22-S, R-37-E

Lea County, New Mexico

N 32° 25' 29.3"

W 103° 08' 50.1"

Larson & Associates, Inc.

Environmental Consultants

Figure 1 - Topographic Map

JWW

Y:\PROJECTS\TARGA\6-0108-EUNICE-LANDFARM\Eunice Gas Plant 2009.dwg, 11/10/2009 2:09:56 PM

Targa Midstream Services, L.P.
Eunice Gas Plant
NE/4, Sec. 3, T-22-S, R-37-E
Lea County, New Mexico

N 32° 25' 29.3"
W 103° 08' 50.1"

LAarson & Associates, Inc.
Environmental Consultants

FIGURE 2 - Aerial Photo

DHL ANALYTICAL

October 08, 2009

Michelle Green
Larson & Associates
507 N. Marienfeld #200
Midland, TX 79701

TEL: (432) 687-0901
FAX: (432) 687-0456

Order No: 0910001

RE: Eunice Landfarm

Dear Michelle Green:

DHL Analytical received 8 sample(s) on 10/1/2009 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAC except where noted in the Case Narrative. All non-NELAC methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

John DuPont
Lab Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-09-TX

ACCREDITED IN ACCORDANCE WITH nelac

Table of Contents

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

Data Reported to: M. Green

DATE: 9-29-09 PAGE 1 OF 1
PO #: LAB WORK ORDER #: 09120001
PROJECT LOCATION OR NAME: Eunice land farm
LAI PROJECT #: 6-0108 COLLECTOR: R. Brooks

TRRP report? ☐ Yes ☒ No
TIME ZONE: Time zone/State:
S=SOIL P=PAINT W=WATER SL=SLUDGE A=AIR OT=OTHER

Field Sample I.D.	Lab #	2009 Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
Cell 1A (0-1')	01	09/29	1700	S	2				X		X		X	X													X	
Cell 1B (0-1')	02		1715																									
Cell 1C (0-1')	03		1530																									
Cell 1C-1 (0-1')	04		1645																									
Cell 2A (0-1')	05		1615																									
Cell 2B (0-1')	06		1630																									
Cell 2C (0-1')	07		1545																									
Cell 2D (0-1')	08		1600																									

TOTAL

RELINQUISHED BY:(Signature) DATE/TIME 9/30/09 4:00pm RECEIVED BY: (Signature) LSO
RELINQUISHED BY:(Signature) LSO DATE/TIME 10/1/09 0830 RECEIVED BY: (Signature) Akinaneck
RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 3.8°C THERM #: 57
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☒ CARRIER BILL # LSO
☐ HAND DELIVERED

Lone Star Overnight

Airbill No. Z5645036

Lone Star Overnight
800.800.8984
www.lso.com

To: SAMPLE RECEIVING
DHL ANALYTICAL
2300 DOUBLE CREEK DRIVE
ROUND ROCK, TX 78664
(512) 388 - 8222

From: MICHELLE GREEN
LARSON & ASSOCIATES, INC,
507 N MARIENFELD
SUITE 200
MIDLAND, TX 79701
(432) 687 - 0901

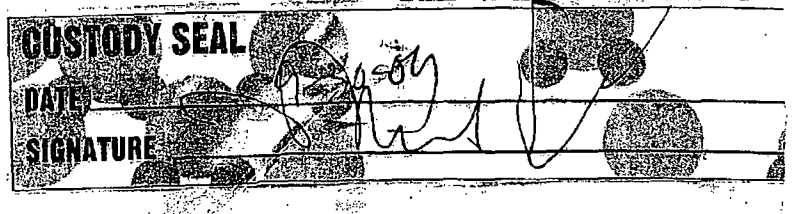
Service Type: By 10:30am
1D00V

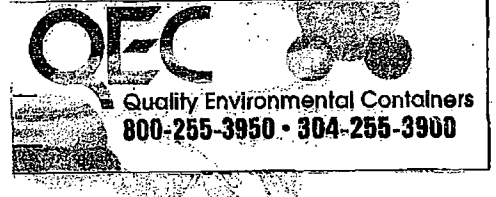
AUS

By 10:30am

QuickCode: DHL
Date Printed: 9/30/2009

Fold on above line and place shipping label in pouch on package. Please be sure the barcodes and addresses can be read and scanned.





DHL Analytical

Sample Receipt Checklist

Client Name **Larson & Associates** Date Received: **10/1/2009**

Work Order Number **0910001** Received by **AK**

Checklist completed by: [signature] 10/1/09 (Signature / Date) Reviewed by: SS 10-1-9 (Initials / Date)

Carrier name: LoneStar

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	3.8 °C
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Adjusted? _____ Checked by _____

Any No response must be detailed in the comments section below.

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Page 1 of 1

DHL Analytical Date: 10/08/09

CLIENT: Larson & Associates
Project: Eunice Landfarm
Lab Order: 0910001

CASE NARRATIVE

Sample was analyzed using the methods outlined in the following references:

Method M8015D - DRO Analysis
Method M8015V - GRO Analysis
Method SW8021B - Volatile Organics by GC Analysis
Method E300 - Anions Analysis
Method D2216 - Percent Moisture

LOG IN

The samples were received and log-in performed on 10/1/09. A total of 8 samples were received. The time of collection was Mountain Standard Time. The samples arrived in good condition and were properly packaged.

DRO ANALYSIS

For DRO analysis by performed on 10/5/09 and 10/6/09 the surrogate recoveries for most samples were above control limits for Octacosane. These are flagged accordingly. No further actions were taken.

CLIENT: Larson & Associates
Project: Eunice Landfarm
Lab Order: 0910001

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recv'd
0910001-01	Cell 1A (0-1')		09/29/09 05:00 PM	10/01/09
0910001-02	Cell 1B (0-1')		09/29/09 05:15 PM	10/01/09
0910001-03	Cell 1C (0-1')		09/29/09 03:30 PM	10/01/09
0910001-04	Cell 1C-1 (0-1')		09/29/09 04:45 PM	10/01/09
0910001-05	Cell 2A (0-1')		09/29/09 04:15 PM	10/01/09
0910001-06	Cell 2B (0-1')		09/29/09 04:30 PM	10/01/09
0910001-07	Cell 2C (0-1')		09/29/09 03:45 PM	10/01/09
0910001-08	Cell 2D (0-1')		09/29/09 04:00 PM	10/01/09

CLIENT: Larson & Associates
Project: Eunice Landfarm
Lab Order: 0910001

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
0910001-01A	Cell 1A (0-1')	09/29/09 05:00 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	10/05/09 11:38 AM	37480
	Cell 1A (0-1')	09/29/09 05:00 PM	Soil	SW5030B	Purge and Trap Soils GC	10/01/09 12:20 PM	37439
0910001-01B	Cell 1A (0-1')	09/29/09 05:00 PM	Soil	SW3550B	Soil Prep Sonication: DRO	10/02/09 09:43 AM	37450
	Cell 1A (0-1')	09/29/09 05:00 PM	Soil	E300	Anion Prep	10/02/09 08:20 AM	37449
	Cell 1A (0-1')	09/29/09 05:00 PM	Soil	D2216	Moisture Preparation	10/01/09 05:11 PM	37448
0910001-02A	Cell 1B (0-1')	09/29/09 05:15 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	10/05/09 11:38 AM	37480
	Cell 1B (0-1')	09/29/09 05:15 PM	Soil	SW5030B	Purge and Trap Soils GC	10/01/09 12:20 PM	37439
0910001-02B	Cell 1B (0-1')	09/29/09 05:15 PM	Soil	SW3550B	Soil Prep Sonication: DRO	10/02/09 09:43 AM	37450
	Cell 1B (0-1')	09/29/09 05:15 PM	Soil	E300	Anion Prep	10/02/09 08:20 AM	37449
	Cell 1B (0-1')	09/29/09 05:15 PM	Soil	D2216	Moisture Preparation	10/01/09 05:11 PM	37448
0910001-03A	Cell 1C (0-1')	09/29/09 03:30 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	10/05/09 11:38 AM	37480
	Cell 1C (0-1')	09/29/09 03:30 PM	Soil	SW5030B	Purge and Trap Soils GC	10/01/09 12:20 PM	37439
0910001-03B	Cell 1C (0-1')	09/29/09 03:30 PM	Soil	SW3550B	Soil Prep Sonication: DRO	10/02/09 09:43 AM	37450
	Cell 1C (0-1')	09/29/09 03:30 PM	Soil	E300	Anion Prep	10/02/09 08:20 AM	37449
	Cell 1C (0-1')	09/29/09 03:30 PM	Soil	D2216	Moisture Preparation	10/01/09 05:11 PM	37448
0910001-04A	Cell 1C-1 (0-1')	09/29/09 04:45 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	10/05/09 11:38 AM	37480
	Cell 1C-1 (0-1')	09/29/09 04:45 PM	Soil	SW5030B	Purge and Trap Soils GC	10/01/09 12:20 PM	37439
0910001-04B	Cell 1C-1 (0-1')	09/29/09 04:45 PM	Soil	SW3550B	Soil Prep Sonication: DRO	10/02/09 09:43 AM	37450
	Cell 1C-1 (0-1')	09/29/09 04:45 PM	Soil	E300	Anion Prep	10/02/09 08:20 AM	37449
	Cell 1C-1 (0-1')	09/29/09 04:45 PM	Soil	D2216	Moisture Preparation	10/01/09 05:11 PM	37448
0910001-05A	Cell 2A (0-1')	09/29/09 04:15 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	10/05/09 11:38 AM	37480
	Cell 2A (0-1')	09/29/09 04:15 PM	Soil	SW5030B	Purge and Trap Soils GC	10/01/09 12:20 PM	37439
0910001-05B	Cell 2A (0-1')	09/29/09 04:15 PM	Soil	SW3550B	Soil Prep Sonication: DRO	10/02/09 09:43 AM	37450
	Cell 2A (0-1')	09/29/09 04:15 PM	Soil	SW3550B	Soil Prep Sonication: DRO	10/02/09 09:43 AM	37450
	Cell 2A (0-1')	09/29/09 04:15 PM	Soil	E300	Anion Prep	10/02/09 08:20 AM	37449
	Cell 2A (0-1')	09/29/09 04:15 PM	Soil	D2216	Moisture Preparation	10/01/09 05:11 PM	37448
0910001-06A	Cell 2B (0-1')	09/29/09 04:30 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	10/05/09 11:38 AM	37480
	Cell 2B (0-1')	09/29/09 04:30 PM	Soil	SW5030B	Purge and Trap Soils GC	10/01/09 12:20 PM	37439
0910001-06B	Cell 2B (0-1')	09/29/09 04:30 PM	Soil	SW3550B	Soil Prep Sonication: DRO	10/02/09 09:43 AM	37450

CLIENT: Larson & Associates
Project: Eunice Landfarm
Lab Order: 0910001

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
	Cell 2B (0-1')	09/29/09 04:30 PM	Soil	SW3550B	Soil Prep Sonication: DRO	10/02/09 09:43 AM	37450
	Cell 2B (0-1')	09/29/09 04:30 PM	Soil	E300	Anion Prep	10/02/09 08:20 AM	37449
	Cell 2B (0-1')	09/29/09 04:30 PM	Soil	D2216	Moisture Preparation	10/01/09 05:11 PM	37448
0910001-07A	Cell 2C (0-1')	09/29/09 03:45 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	10/05/09 11:38 AM	37480
	Cell 2C (0-1')	09/29/09 03:45 PM	Soil	SW5030B	Purge and Trap Soils GC	10/01/09 12:20 PM	37439
0910001-07B	Cell 2C (0-1')	09/29/09 03:45 PM	Soil	SW3550B	Soil Prep Sonication: DRO	10/02/09 09:43 AM	37450
	Cell 2C (0-1')	09/29/09 03:45 PM	Soil	SW3550B	Soil Prep Sonication: DRO	10/02/09 09:43 AM	37450
	Cell 2C (0-1')	09/29/09 03:45 PM	Soil	E300	Anion Prep	10/02/09 08:20 AM	37449
	Cell 2C (0-1')	09/29/09 03:45 PM	Soil	D2216	Moisture Preparation	10/01/09 05:11 PM	37448
0910001-08A	Cell 2D (0-1')	09/29/09 04:00 PM	Soil	SW5030B	Purge and Trap Soils GC- Gas	10/05/09 11:38 AM	37480
	Cell 2D (0-1')	09/29/09 04:00 PM	Soil	SW5030B	Purge and Trap Soils GC	10/01/09 12:20 PM	37439
0910001-08B	Cell 2D (0-1')	09/29/09 04:00 PM	Soil	SW3550B	Soil Prep Sonication: DRO	10/02/09 09:43 AM	37450
	Cell 2D (0-1')	09/29/09 04:00 PM	Soil	SW3550B	Soil Prep Sonication: DRO	10/02/09 09:43 AM	37450
	Cell 2D (0-1')	09/29/09 04:00 PM	Soil	E300	Anion Prep	10/02/09 08:20 AM	37449
	Cell 2D (0-1')	09/29/09 04:00 PM	Soil	D2216	Moisture Preparation	10/01/09 05:11 PM	37448

CLIENT: Larson & Associates
Project: Eunice Landfarm
Lab Order: 0910001

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
0910001-01A	Cell 1A (0-1')	Soil	M8015V	Modified 8015 Gasoline (GRO)	37480	1	10/05/09 01:33 PM	GC4_091005A
	Cell 1A (0-1')	Soil	SW8021B	Volatile Organics by GC	37439	1	10/01/09 02:16 PM	GC4_091001A
0910001-01B	Cell 1A (0-1')	Soil	E300	Anions by IC method - Soil	37449	1	10/05/09 11:21 AM	IC_091005B
	Cell 1A (0-1')	Soil	D2216	Percent Moisture	37448	1	10/02/09 10:30 AM	PMOIST_091001A
	Cell 1A (0-1')	Soil	M8015D	TPH Extractable by GC - Soil	37450	1	10/05/09 08:51 PM	GC15_091005C
0910001-02A	Cell 1B (0-1')	Soil	M8015V	Modified 8015 Gasoline (GRO)	37480	1	10/05/09 01:56 PM	GC4_091005A
	Cell 1B (0-1')	Soil	SW8021B	Volatile Organics by GC	37439	1	10/01/09 02:38 PM	GC4_091001A
0910001-02B	Cell 1B (0-1')	Soil	E300	Anions by IC method - Soil	37449	1	10/05/09 11:54 AM	IC_091005B
	Cell 1B (0-1')	Soil	D2216	Percent Moisture	37448	1	10/02/09 10:30 AM	PMOIST_091001A
	Cell 1B (0-1')	Soil	M8015D	TPH Extractable by GC - Soil	37450	1	10/05/09 08:17 PM	GC15_091005C
0910001-03A	Cell 1C (0-1')	Soil	M8015V	Modified 8015 Gasoline (GRO)	37480	1	10/05/09 02:18 PM	GC4_091005A
	Cell 1C (0-1')	Soil	SW8021B	Volatile Organics by GC	37439	1	10/01/09 03:00 PM	GC4_091001A
0910001-03B	Cell 1C (0-1')	Soil	E300	Anions by IC method - Soil	37449	10	10/05/09 12:05 PM	IC_091005B
	Cell 1C (0-1')	Soil	D2216	Percent Moisture	37448	1	10/02/09 10:30 AM	PMOIST_091001A
	Cell 1C (0-1')	Soil	M8015D	TPH Extractable by GC - Soil	37450	1	10/05/09 08:34 PM	GC15_091005C
0910001-04A	Cell 1C-1 (0-1')	Soil	M8015V	Modified 8015 Gasoline (GRO)	37480	1	10/05/09 02:41 PM	GC4_091005A
	Cell 1C-1 (0-1')	Soil	SW8021B	Volatile Organics by GC	37439	1	10/01/09 04:06 PM	GC4_091001A
0910001-04B	Cell 1C-1 (0-1')	Soil	E300	Anions by IC method - Soil	37449	10	10/05/09 12:17 PM	IC_091005B
	Cell 1C-1 (0-1')	Soil	D2216	Percent Moisture	37448	1	10/02/09 10:30 AM	PMOIST_091001A
	Cell 1C-1 (0-1')	Soil	M8015D	TPH Extractable by GC - Soil	37450	1	10/05/09 08:25 PM	GC15_091005C
0910001-05A	Cell 2A (0-1')	Soil	M8015V	Modified 8015 Gasoline (GRO)	37480	1	10/05/09 03:04 PM	GC4_091005A
	Cell 2A (0-1')	Soil	SW8021B	Volatile Organics by GC	37439	1	10/01/09 09:17 PM	GC4_091001A
0910001-05B	Cell 2A (0-1')	Soil	E300	Anions by IC method - Soil	37449	10	10/05/09 12:28 PM	IC_091005B
	Cell 2A (0-1')	Soil	D2216	Percent Moisture	37448	1	10/02/09 10:30 AM	PMOIST_091001A
	Cell 2A (0-1')	Soil	M8015D	TPH Extractable by GC - Soil	37450	1	10/05/09 09:08 PM	GC15_091005C
	Cell 2A (0-1')	Soil	M8015D	TPH Extractable by GC - Soil	37450	10	10/06/09 10:09 AM	GC15_091005C
0910001-06A	Cell 2B (0-1')	Soil	M8015V	Modified 8015 Gasoline (GRO)	37480	1	10/05/09 03:26 PM	GC4_091005A
	Cell 2B (0-1')	Soil	SW8021B	Volatile Organics by GC	37439	1	10/01/09 04:51 PM	GC4_091001A
0910001-06B	Cell 2B (0-1')	Soil	E300	Anions by IC method - Soil	37449	10	10/05/09 12:41 PM	IC_091005B

CLIENT: Larson & Associates
Project: Eunice Landfarm
Lab Order: 0910001

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
	Cell 2B (0-1')	Soil	D2216	Percent Moisture	37448	1	10/02/09 10:30 AM	PMOIST_091001A
	Cell 2B (0-1')	Soil	M8015D	TPH Extractable by GC - Soil	37450	1	10/05/09 08:59 PM	GC15_091005C
	Cell 2B (0-1')	Soil	M8015D	TPH Extractable by GC - Soil	37450	10	10/06/09 10:00 AM	GC15_091005C
0910001-07A	Cell 2C (0-1')	Soil	M8015V	Modified 8015 Gasoline (GRO)	37480	1	10/05/09 03:49 PM	GC4_091005A
	Cell 2C (0-1')	Soil	SW8021B	Volatile Organics by GC	37439	1	10/01/09 05:13 PM	GC4_091001A
0910001-07B	Cell 2C (0-1')	Soil	E300	Anions by IC method - Soil	37449	1	10/05/09 02:28 PM	IC_091005B
	Cell 2C (0-1')	Soil	D2216	Percent Moisture	37448	1	10/02/09 10:30 AM	PMOIST_091001A
	Cell 2C (0-1')	Soil	M8015D	TPH Extractable by GC - Soil	37450	1	10/05/09 09:50 PM	GC15_091005C
	Cell 2C (0-1')	Soil	M8015D	TPH Extractable by GC - Soil	37450	10	10/06/09 10:17 AM	GC15_091005C
0910001-08A	Cell 2D (0-1')	Soil	M8015V	Modified 8015 Gasoline (GRO)	37480	1	10/05/09 04:12 PM	GC4_091005A
	Cell 2D (0-1')	Soil	SW8021B	Volatile Organics by GC	37439	1	10/01/09 05:36 PM	GC4_091001A
0910001-08B	Cell 2D (0-1')	Soil	E300	Anions by IC method - Soil	37449	1	10/05/09 02:39 PM	IC_091005B
	Cell 2D (0-1')	Soil	D2216	Percent Moisture	37448	1	10/02/09 10:30 AM	PMOIST_091001A
	Cell 2D (0-1')	Soil	M8015D	TPH Extractable by GC - Soil	37450	1	10/05/09 08:42 PM	GC15_091005C
	Cell 2D (0-1')	Soil	M8015D	TPH Extractable by GC - Soil	37450	2	10/06/09 09:52 AM	GC15_091005C

CLIENT: Larson & Associates
Project: Eunice Landfarm
Project No: 6-0108
Lab Order: 0910001

Client Sample ID: Cell 1A (0-1')
Lab ID: 0910001-01
Collection Date: 09/29/09 05:00 PM
Matrix: Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH Extractable by GC - Soil		**M8015D**					**Analyst: AV**
TPH-DRO C10-C28	215	2.93	9.75		mg/Kg-dry	1	10/05/09 08:51 PM
Surr: Isopropylbenzene	76.4	0	47 - 142		%REC	1	10/05/09 08:51 PM
Surr: Octacosane	87.2	0	25 - 162		%REC	1	10/05/09 08:51 PM
Modified 8015 Gasoline (GRO)		**M8015V**					**Analyst: DEW**
Gasoline Range Organics	ND	0.0968	0.194		mg/Kg-dry	1	10/05/09 01:33 PM
Surr: Tetrachlorethene	108	0	70 - 134		%REC	1	10/05/09 01:33 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	ND	0.00292	0.00487		mg/Kg-dry	1	10/01/09 02:16 PM
Ethylbenzene	ND	0.00487	0.0146		mg/Kg-dry	1	10/01/09 02:16 PM
Toluene	ND	0.00487	0.0146		mg/Kg-dry	1	10/01/09 02:16 PM
Xylenes, Total	ND	0.00487	0.0146		mg/Kg-dry	1	10/01/09 02:16 PM
Surr: Tetrachloroethene	85.9	0	79 - 135		%REC	1	10/01/09 02:16 PM
Anions by IC method - Soil		**E300**					**Analyst: JBC**
Chloride	14.5	5.05	5.05		mg/Kg-dry	1	10/05/09 11:21 AM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	1.23	0	0		WT%	1	10/02/09 10:30 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT: Larson & Associates
Project: Eunice Landfarm
Project No: 6-0108
Lab Order: 0910001

Client Sample ID: Cell 1B (0-1')
Lab ID: 0910001-02
Collection Date: 09/29/09 05:15 PM
Matrix: Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH Extractable by GC - Soil		**M8015D**					**Analyst: AV**
TPH-DRO C10-C28	22.4	3.00	9.99		mg/Kg-dry	1	10/05/09 08:17 PM
Surr: Isopropylbenzene	75.6	0	47 - 142		%REC	1	10/05/09 08:17 PM
Surr: Octacosane	85.2	0	25 - 162		%REC	1	10/05/09 08:17 PM
Modified 8015 Gasoline (GRO)		**M8015V**					**Analyst: DEW**
Gasoline Range Organics	ND	0.0962	0.192		mg/Kg-dry	1	10/05/09 01:56 PM
Surr: Tetrachlorethene	107	0	70 - 134		%REC	1	10/05/09 01:56 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	ND	0.00304	0.00507		mg/Kg-dry	1	10/01/09 02:38 PM
Ethylbenzene	ND	0.00507	0.0152		mg/Kg-dry	1	10/01/09 02:38 PM
Toluene	ND	0.00507	0.0152		mg/Kg-dry	1	10/01/09 02:38 PM
Xylenes, Total	ND	0.00507	0.0152		mg/Kg-dry	1	10/01/09 02:38 PM
Surr: Tetrachloroethene	92.0	0	79 - 135		%REC	1	10/01/09 02:38 PM
Anions by IC method - Soil		**E300**					**Analyst: JBC**
Chloride	28.7	5.05	5.05		mg/Kg-dry	1	10/05/09 11:54 AM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	1.39	0	0		WT%	1	10/02/09 10:30 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT: Larson & Associates
Project: Eunice Landfarm
Project No: 6-0108
Lab Order: 0910001

Client Sample ID: Cell 1C (0-1')
Lab ID: 0910001-03
Collection Date: 09/29/09 03:30 PM
Matrix: Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH Extractable by GC - Soil		**M8015D**					**Analyst: AV**
TPH-DRO C10-C28	398	3.21	10.7		mg/Kg-dry	1	10/05/09 08:34 PM
Surr: Isopropylbenzene	67.4	0	47 - 142		%REC	1	10/05/09 08:34 PM
Surr: Octacosane	222	0	25 - 162	S	%REC	1	10/05/09 08:34 PM
Modified 8015 Gasoline (GRO)		**M8015V**					**Analyst: DEW**
Gasoline Range Organics	ND	0.100	0.200		mg/Kg-dry	1	10/05/09 02:18 PM
Surr: Tetrachlorethene	106	0	70 - 134		%REC	1	10/05/09 02:18 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	ND	0.00295	0.00492		mg/Kg-dry	1	10/01/09 03:00 PM
Ethylbenzene	ND	0.00492	0.0148		mg/Kg-dry	1	10/01/09 03:00 PM
Toluene	ND	0.00492	0.0148		mg/Kg-dry	1	10/01/09 03:00 PM
Xylenes, Total	ND	0.00492	0.0148		mg/Kg-dry	1	10/01/09 03:00 PM
Surr: Tetrachloroethene	94.2	0	79 - 135		%REC	1	10/01/09 03:00 PM
Anions by IC method - Soil		**E300**					**Analyst: JBC**
Chloride	305	54.1	54.1		mg/Kg-dry	10	10/05/09 12:05 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	7.57	0	0		WT%	1	10/02/09 10:30 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT: Larson & Associates
Project: Eunice Landfarm
Project No: 6-0108
Lab Order: 0910001

Client Sample ID: Cell 1C-1 (0-1')
Lab ID: 0910001-04
Collection Date: 09/29/09 04:45 PM
Matrix: Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH Extractable by GC - Soil		**M8015D**					**Analyst: AV**
TPH-DRO C10-C28	274	2.97	9.92		mg/Kg-dry	1	10/05/09 08:25 PM
Surr: Isopropylbenzene	73.2	0	47 - 142		%REC	1	10/05/09 08:25 PM
Surr: Octacosane	187	0	25 - 162	S	%REC	1	10/05/09 08:25 PM
Modified 8015 Gasoline (GRO)		**M8015V**					**Analyst: DEW**
Gasoline Range Organics	ND	0.102	0.205		mg/Kg-dry	1	10/05/09 02:41 PM
Surr: Tetrachlorethene	105	0	70 - 134		%REC	1	10/05/09 02:41 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	ND	0.00293	0.00488		mg/Kg-dry	1	10/01/09 04:06 PM
Ethylbenzene	ND	0.00488	0.0147		mg/Kg-dry	1	10/01/09 04:06 PM
Toluene	ND	0.00488	0.0147		mg/Kg-dry	1	10/01/09 04:06 PM
Xylenes, Total	ND	0.00488	0.0147		mg/Kg-dry	1	10/01/09 04:06 PM
Surr: Tetrachloroethene	93.4	0	79 - 135		%REC	1	10/01/09 04:06 PM
Anions by IC method - Soil		**E300**					**Analyst: JBC**
Chloride	606	50.7	50.7		mg/Kg-dry	10	10/05/09 12:17 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	3.41	0	0		WT%	1	10/02/09 10:30 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT: Larson & Associates
Project: Eunice Landfarm
Project No: 6-0108
Lab Order: 0910001

Client Sample ID: Cell 2A (0-1')
Lab ID: 0910001-05
Collection Date: 09/29/09 04:15 PM
Matrix: Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH Extractable by GC - Soil		**M8015D**					**Analyst: AV**
TPH-DRO C10-C28	1930	29.8	99.3		mg/Kg-dry	10	10/06/09 10:09 AM
Surr: Isopropylbenzene	69.0	0	47 - 142		%REC	10	10/06/09 10:09 AM
Surr: Octacosane	499	0	25 - 162	S	%REC	10	10/06/09 10:09 AM
Modified 8015 Gasoline (GRO)		**M8015V**					**Analyst: DEW**
Gasoline Range Organics	ND	0.0915	0.183		mg/Kg-dry	1	10/05/09 03:04 PM
Surr: Tetrachlorethene	93.5	0	70 - 134		%REC	1	10/05/09 03:04 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	ND	0.00300	0.00500		mg/Kg-dry	1	10/01/09 09:17 PM
Ethylbenzene	ND	0.00500	0.0150		mg/Kg-dry	1	10/01/09 09:17 PM
Toluene	ND	0.00500	0.0150		mg/Kg-dry	1	10/01/09 09:17 PM
Xylenes, Total	ND	0.00500	0.0150		mg/Kg-dry	1	10/01/09 09:17 PM
Surr: Tetrachloroethene	83.1	0	79 - 135		%REC	1	10/01/09 09:17 PM
Anions by IC method - Soil		**E300**					**Analyst: JBC**
Chloride	182	50.3	50.3		mg/Kg-dry	10	10/05/09 12:28 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	1.94	0	0		WT%	1	10/02/09 10:30 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT: Larson & Associates
Project: Eunice Landfarm
Project No: 6-0108
Lab Order: 0910001

Client Sample ID: Cell 2B (0-1')
Lab ID: 0910001-06
Collection Date: 09/29/09 04:30 PM
Matrix: Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH Extractable by GC - Soil		**M8015D**					**Analyst: AV**
TPH-DRO C10-C28	1880	35.3	118		mg/Kg-dry	10	10/06/09 10:00 AM
Surr: Isopropylbenzene	63.6	0	47 - 142		%REC	10	10/06/09 10:00 AM
Surr: Octacosane	290	0	25 - 162	S	%REC	10	10/06/09 10:00 AM
Modified 8015 Gasoline (GRO)		**M8015V**					**Analyst: DEW**
Gasoline Range Organics	ND	0.109	0.218		mg/Kg-dry	1	10/05/09 03:26 PM
Surr: Tetrachlorethene	99.8	0	70 - 134		%REC	1	10/05/09 03:26 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	ND	0.00335	0.00559		mg/Kg-dry	1	10/01/09 04:51 PM
Ethylbenzene	ND	0.00559	0.0168		mg/Kg-dry	1	10/01/09 04:51 PM
Toluene	ND	0.00559	0.0168		mg/Kg-dry	1	10/01/09 04:51 PM
Xylenes, Total	ND	0.00559	0.0168		mg/Kg-dry	1	10/01/09 04:51 PM
Surr: Tetrachloroethene	81.1	0	79 - 135		%REC	1	10/01/09 04:51 PM
Anions by IC method - Soil		**E300**					**Analyst: JBC**
Chloride	588	59.8	59.8		mg/Kg-dry	10	10/05/09 12:41 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	17.1	0	0		WT%	1	10/02/09 10:30 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT: Larson & Associates
Project: Eunice Landfarm
Project No: 6-0108
Lab Order: 0910001

Client Sample ID: Cell 2C (0-1')
Lab ID: 0910001-07
Collection Date: 09/29/09 03:45 PM
Matrix: Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH Extractable by GC - Soil		**M8015D**					**Analyst: AV**
TPH-DRO C10-C28	1970	30.0	99.9		mg/Kg-dry	10	10/06/09 10:17 AM
Surr: Isopropylbenzene	66.0	0	47 - 142		%REC	10	10/06/09 10:17 AM
Surr: Octacosane	534	0	25 - 162	S	%REC	10	10/06/09 10:17 AM
Modified 8015 Gasoline (GRO)		**M8015V**					**Analyst: DEW**
Gasoline Range Organics	ND	0.0878	0.176		mg/Kg-dry	1	10/05/09 03:49 PM
Surr: Tetrachlorethene	98.5	0	70 - 134		%REC	1	10/05/09 03:49 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	ND	0.00293	0.00488		mg/Kg-dry	1	10/01/09 05:13 PM
Ethylbenzene	ND	0.00488	0.0146		mg/Kg-dry	1	10/01/09 05:13 PM
Toluene	ND	0.00488	0.0146		mg/Kg-dry	1	10/01/09 05:13 PM
Xylenes, Total	ND	0.00488	0.0146		mg/Kg-dry	1	10/01/09 05:13 PM
Surr: Tetrachloroethene	86.9	0	79 - 135		%REC	1	10/01/09 05:13 PM
Anions by IC method - Soil		**E300**					**Analyst: JBC**
Chloride	79.5	5.04	5.04		mg/Kg-dry	1	10/05/09 02:28 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	1.44	0	0		WT%	1	10/02/09 10:30 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT: Larson & Associates
Project: Eunice Landfarm
Project No: 6-0108
Lab Order: 0910001

Client Sample ID: Cell 2D (0-1')
Lab ID: 0910001-08
Collection Date: 09/29/09 04:00 PM
Matrix: Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
TPH Extractable by GC - Soil		**M8015D**					**Analyst: AV**
TPH-DRO C10-C28	488	5.89	19.6		mg/Kg-dry	2	10/06/09 09:52 AM
Surr: Isopropylbenzene	78.7	0	47 - 142		%REC	2	10/06/09 09:52 AM
Surr: Octacosane	248	0	25 - 162	S	%REC	2	10/06/09 09:52 AM
Modified 8015 Gasoline (GRO)		**M8015V**					**Analyst: DEW**
Gasoline Range Organics	ND	0.0974	0.195		mg/Kg-dry	1	10/05/09 04:12 PM
Surr: Tetrachlorethene	108	0	70 - 134		%REC	1	10/05/09 04:12 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	ND	0.00292	0.00487		mg/Kg-dry	1	10/01/09 05:36 PM
Ethylbenzene	ND	0.00487	0.0146		mg/Kg-dry	1	10/01/09 05:36 PM
Toluene	ND	0.00487	0.0146		mg/Kg-dry	1	10/01/09 05:36 PM
Xylenes, Total	ND	0.00487	0.0146		mg/Kg-dry	1	10/01/09 05:36 PM
Surr: Tetrachloroethene	88.5	0	79 - 135		%REC	1	10/01/09 05:36 PM
Anions by IC method - Soil		**E300**					**Analyst: JBC**
Chloride	82.1	5.03	5.03		mg/Kg-dry	1	10/05/09 02:39 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	1.23	0	0		WT%	1	10/02/09 10:30 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT: Larson & Associates
Work Order: 0910001
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: GC15_091005C

Sample ID:	LCS-37450	Batch ID:	37450		TestNo:		M8015D		Units:		mg/Kg
SampType:	LCS	Run ID:	GC15_091005C		Analysis Date:		10/05/09 04:11 PM		Prep Date:		10/02/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
TPH-DRO C10-C28		108	10.0	125.0	0	86.1	50	114			
Surr: Isopropylbenzene		5.83		7.500		77.7	47	142			
Surr: Octacosane		5.74		7.500		76.5	25	162			

Sample ID:	MB-37450	Batch ID:	37450		TestNo:		M8015D		Units:		mg/Kg
SampType:	MBLK	Run ID:	GC15_091005C		Analysis Date:		10/05/09 04:37 PM		Prep Date:		10/02/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
TPH-DRO C10-C28		ND	10.0								
Surr: Isopropylbenzene		5.66		7.500		75.5	47	142			
Surr: Octacosane		5.30		7.500		70.6	25	162			

Sample ID:	0910002-08B-MS	Batch ID:	37450		TestNo:		M8015D		Units:		mg/Kg
SampType:	MS	Run ID:	GC15_091005C		Analysis Date:		10/05/09 08:00 PM		Prep Date:		10/02/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
TPH-DRO C10-C28		99.3	9.69	121.1	0	82.0	50	114			
Surr: Isopropylbenzene		5.82		7.267		80.1	47	142			
Surr: Octacosane		5.30		7.267		73.0	25	162			

Sample ID:	0910002-08B-MSD	Batch ID:	37450		TestNo:		M8015D		Units:		mg/Kg
SampType:	MSD	Run ID:	GC15_091005C		Analysis Date:		10/05/09 08:08 PM		Prep Date:		10/02/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
TPH-DRO C10-C28		98.8	9.74	121.7	0	81.2	50	114	0.504	30	
Surr: Isopropylbenzene		5.66		7.303		77.6	47	142	0	0	
Surr: Octacosane		5.13		7.303		70.3	25	162	0	0	

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910001
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: GC15_091005C

Sample ID:	ICV-091005	**Batch ID:**	R45809		**TestNo:**		M8015D			**Units:**	mg/Kg
SampType:	ICV	**Run ID:**	GC15_091005C		**Analysis Date:**		10/05/09 02:58 PM			**Prep Date:**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
TPH-DRO C10-C28		565	10.0	500.0	0	113	85	115			
Surr: Isopropylbenzene		29.5		25.00		118	47	142			
Surr: Octacosane		23.7		25.00		94.7	25	162			
Sample ID:	CCV1-091005	**Batch ID:**	R45809		**TestNo:**		M8015D			**Units:**	mg/Kg
SampType:	CCV	**Run ID:**	GC15_091005C		**Analysis Date:**		10/05/09 05:44 PM			**Prep Date:**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
TPH-DRO C10-C28		284	10.0	250.0	0	114	85	115			
Surr: Isopropylbenzene		14.6		12.50		117	47	142			
Surr: Octacosane		11.8		12.50		94.1	25	162			
Sample ID:	CCV2-091005	**Batch ID:**	R45809		**TestNo:**		M8015D			**Units:**	mg/Kg
SampType:	CCV	**Run ID:**	GC15_091005C		**Analysis Date:**		10/05/09 07:34 PM			**Prep Date:**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
TPH-DRO C10-C28		279	10.0	250.0	0	112	85	115			
Surr: Isopropylbenzene		14.5		12.50		116	47	142			
Surr: Octacosane		12.1		12.50		96.5	25	162			
Sample ID:	CCV3-091005	**Batch ID:**	R45809		**TestNo:**		M8015D			**Units:**	mg/Kg
SampType:	CCV	**Run ID:**	GC15_091005C		**Analysis Date:**		10/05/09 09:33 PM			**Prep Date:**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
TPH-DRO C10-C28		280	10.0	250.0	0	112	85	115			
Surr: Isopropylbenzene		14.0		12.50		112	47	142			
Surr: Octacosane		15.8		12.50		127	25	162			
Sample ID:	CCV4-091005	**Batch ID:**	R45809		**TestNo:**		M8015D			**Units:**	mg/Kg
SampType:	CCV	**Run ID:**	GC15_091005C		**Analysis Date:**		10/05/09 10:15 PM			**Prep Date:**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
TPH-DRO C10-C28		228	10.0	250.0	0	91.4	85	115			
Surr: Isopropylbenzene		14.7		12.50		118	47	142			
Surr: Octacosane		12.1		12.50		96.6	25	162			
Sample ID:	ICV-091006	**Batch ID:**	R45809		**TestNo:**		M8015D			**Units:**	mg/Kg
SampType:	ICV	**Run ID:**	GC15_091005C		**Analysis Date:**		10/06/09 09:22 AM			**Prep Date:**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
TPH-DRO C10-C28		504	10.0	500.0	0	101	85	115			
Surr: Isopropylbenzene		27.9		25.00		112	47	142			
Surr: Octacosane		23.3		25.00		93.2	25	162			
Sample ID:	CCV1-091006	**Batch ID:**	R45809		**TestNo:**		M8015D			**Units:**	mg/Kg
SampType:	CCV	**Run ID:**	GC15_091005C		**Analysis Date:**		10/06/09 10:43 AM			**Prep Date:**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
TPH-DRO C10-C28		246	10.0	250.0	0	98.6	85	115			
Surr: Isopropylbenzene		13.9		12.50		111	47	142			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910001
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: GC15_091005C

Surr: Octacosane	11.4	12.50	91.5	25	162

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910001
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: GC4_091001A

Sample ID:	LCS-37439	Batch ID:	37439		TestNo:		SW8021B			Units:	mg/Kg
SampType:	LCS	Run ID:	GC4_091001A		Analysis Date:		10/01/09 01:32 PM			Prep Date:	10/01/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene		0.0949	0.00500	0.1000	0	94.9	65	113			
Toluene		0.0937	0.0150	0.1000	0	93.7	73	115			
Ethylbenzene		0.0938	0.0150	0.1000	0	93.8	74	118			
Xylenes, Total		0.282	0.0150	0.3000	0	94.0	73	119			
Surr: Tetrachloroethene		0.220		0.2000		110	79	135			

Sample ID:	MB-37439	Batch ID:	37439		TestNo:		SW8021B			Units:	mg/Kg
SampType:	MBLK	Run ID:	GC4_091001A		Analysis Date:		10/01/09 01:54 PM			Prep Date:	10/01/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene		ND	0.00500								
Toluene		ND	0.0150								
Ethylbenzene		ND	0.0150								
Xylenes, Total		ND	0.0150								
Surr: Tetrachloroethene		0.213		0.2000		107	79	135			

Sample ID:	0910001-02AMS	Batch ID:	37439		TestNo:		SW8021B			Units:	mg/Kg-dry
SampType:	MS	Run ID:	GC4_091001A		Analysis Date:		10/01/09 03:22 PM			Prep Date:	10/01/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene		0.101	0.00488	0.09751	0	103	65	113			
Toluene		0.0979	0.0146	0.09751	0	100	73	115			
Ethylbenzene		0.0958	0.0146	0.09751	0	98.2	74	118			
Xylenes, Total		0.285	0.0146	0.2925	0	97.4	73	119			
Surr: Tetrachloroethene		0.181		0.1950		92.8	79	135			

Sample ID:	0910001-02AMSD	Batch ID:	37439		TestNo:		SW8021B			Units:	mg/Kg-dry
SampType:	MSD	Run ID:	GC4_091001A		Analysis Date:		10/01/09 03:44 PM			Prep Date:	10/01/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene		0.0958	0.00478	0.09567	0	100	65	113	5.05	30	
Toluene		0.0929	0.0144	0.09567	0	97.0	73	115	5.25	30	
Ethylbenzene		0.0906	0.0144	0.09567	0	94.7	74	118	5.53	30	
Xylenes, Total		0.271	0.0144	0.2870	0	94.5	73	119	4.93	30	
Surr: Tetrachloroethene		0.177		0.1913		92.7	79	135	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910001
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: GC4_091001A

Sample ID:	ICV-100109	Batch ID:	R45781	TestNo:		SW8021B		Units:	mg/Kg	
SampType:	ICV	Run ID:	GC4_091001A	Analysis Date:		10/01/09 01:10 PM		Prep Date:		
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene	0.194	0.00500	0.2000	0	97.0	85	115			
Toluene	0.190	0.0150	0.2000	0	95.0	85	115			
Ethylbenzene	0.190	0.0150	0.2000	0	95.2	85	115			
Xylenes, Total	0.565	0.0150	0.6000	0	94.2	85	115			
Surr: Tetrachloroethene	0.234		0.2000		117	79	135			

Sample ID:	CCV1-091001	Batch ID:	R45781	TestNo:		SW8021B		Units:	mg/Kg	
SampType:	CCV	Run ID:	GC4_091001A	Analysis Date:		10/01/09 06:42 PM		Prep Date:		
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene	0.0955	0.00500	0.1000	0	95.5	85	115			
Toluene	0.0946	0.0150	0.1000	0	94.6	85	115			
Ethylbenzene	0.0936	0.0150	0.1000	0	93.6	85	115			
Xylenes, Total	0.281	0.0150	0.3000	0	93.5	85	115			
Surr: Tetrachloroethene	0.191		0.2000		95.5	79	135			

Sample ID:	CCV2-091001	Batch ID:	R45781	TestNo:		SW8021B		Units:	mg/Kg	
SampType:	CCV	Run ID:	GC4_091001A	Analysis Date:		10/01/09 09:39 PM		Prep Date:		
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene	0.0942	0.00500	0.1000	0	94.2	85	115			
Toluene	0.0939	0.0150	0.1000	0	93.9	85	115			
Ethylbenzene	0.0934	0.0150	0.1000	0	93.4	85	115			
Xylenes, Total	0.280	0.0150	0.3000	0	93.4	85	115			
Surr: Tetrachloroethene	0.181		0.2000		90.4	79	135			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910001
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: GC4_091005A

Sample ID:	LCS-37480	**Batch ID:**	37480		**TestNo:**		M8015V			**Units:**	mg/Kg
SampType:	LCS	**Run ID:**	GC4_091005A		**Analysis Date:**		10/05/09 12:03 PM			**Prep Date:**	10/05/09
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Gasoline Range Organics		4.85	0.200	5.000	0	97.0	68	126			
Surr: Tetrachlorethene		0.457		0.4000		114	70	134			
Sample ID:	MB-37480	**Batch ID:**	37480		**TestNo:**		M8015V			**Units:**	mg/Kg
SampType:	MBLK	**Run ID:**	GC4_091005A		**Analysis Date:**		10/05/09 01:11 PM			**Prep Date:**	10/05/09
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Gasoline Range Organics		ND	0.200								
Surr: Tetrachlorethene		0.401		0.4000		100	70	134			
Sample ID:	0910002-08AMS	**Batch ID:**	37480		**TestNo:**		M8015V			**Units:**	mg/Kg
SampType:	MS	**Run ID:**	GC4_091005A		**Analysis Date:**		10/05/09 09:04 PM			**Prep Date:**	10/05/09
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Gasoline Range Organics		4.41	0.189	4.735	0	93.2	68	126			
Surr: Tetrachlorethene		0.369		0.3788		97.4	70	134			
Sample ID:	0910002-08AMSD	**Batch ID:**	37480		**TestNo:**		M8015V			**Units:**	mg/Kg
SampType:	MSD	**Run ID:**	GC4_091005A		**Analysis Date:**		10/05/09 09:27 PM			**Prep Date:**	10/05/09
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Gasoline Range Organics		4.32	0.186	4.647	0	92.9	68	126	2.23	30	
Surr: Tetrachlorethene		0.377		0.3717		101	70	134	0	0	

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910001
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: GC4_091005A

Sample ID:	ICV-091005	**Batch ID:**	R45807		**TestNo:**		M8015V			**Units:**	mg/Kg
SampType:	ICV	**Run ID:**	GC4_091005A		**Analysis Date:**		10/05/09 11:18 AM			**Prep Date:**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Gasoline Range Organics		10.5	0.200	10.00	0	105	85	115			
Surr: Tetrachlorethene		0.356		0.4000		88.9	70	134			

Sample ID:	CCV1-091005	**Batch ID:**	R45807		**TestNo:**		M8015V			**Units:**	mg/Kg
SampType:	CCV	**Run ID:**	GC4_091005A		**Analysis Date:**		10/05/09 05:19 PM			**Prep Date:**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Gasoline Range Organics		5.02	0.200	5.000	0	100	85	115			
Surr: Tetrachlorethene		0.385		0.4000		96.3	70	134			

Sample ID:	CCV2-091005	**Batch ID:**	R45807		**TestNo:**		M8015V			**Units:**	mg/Kg
SampType:	CCV	**Run ID:**	GC4_091005A		**Analysis Date:**		10/05/09 09:49 PM			**Prep Date:**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Gasoline Range Organics		4.85	0.200	5.000	0	97.1	85	115			
Surr: Tetrachlorethene		0.346		0.4000		86.4	70	134			

Qualifiers:	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910001
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: IC_091005B

Sample ID:	LCS-37449	**Batch ID:**	37449		**TestNo:**		E300			**Units:**	mg/Kg
SampType:	LCS	**Run ID:**	IC_091005B		**Analysis Date:**		10/05/09 09:07 AM			**Prep Date:**	10/02/09
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		48.1	25.0	50.00	0	96.3	80	120			
Sample ID:	LCSD-37449	**Batch ID:**	37449		**TestNo:**		E300			**Units:**	mg/Kg
SampType:	LCSD	**Run ID:**	IC_091005B		**Analysis Date:**		10/05/09 09:18 AM			**Prep Date:**	10/02/09
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		48.1	25.0	50.00	0	96.2	80	120	0.050	20	
Sample ID:	MB-37449	**Batch ID:**	37449		**TestNo:**		E300			**Units:**	mg/Kg
SampType:	MBLK	**Run ID:**	IC_091005B		**Analysis Date:**		10/05/09 09:29 AM			**Prep Date:**	10/02/09
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		ND	25.0								
Sample ID:	0910001-01B MS	**Batch ID:**	37449		**TestNo:**		E300			**Units:**	mg/Kg-dry
SampType:	MS	**Run ID:**	IC_091005B		**Analysis Date:**		10/05/09 11:32 AM			**Prep Date:**	10/02/09
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		55.9	5.05	50.52	8.707	93.5	80	120			
Sample ID:	0910001-01B MSD	**Batch ID:**	37449		**TestNo:**		E300			**Units:**	mg/Kg-dry
SampType:	MSD	**Run ID:**	IC_091005B		**Analysis Date:**		10/05/09 11:43 AM			**Prep Date:**	10/02/09
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		55.9	5.05	50.52	8.707	93.4	80	120	0.072	20	
Sample ID:	0910002-01B MS	**Batch ID:**	37449		**TestNo:**		E300			**Units:**	mg/Kg
SampType:	MS	**Run ID:**	IC_091005B		**Analysis Date:**		10/05/09 01:54 PM			**Prep Date:**	10/02/09
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		665	49.4	494.1	197.9	94.5	80	120			
Sample ID:	0910002-01B MSD	**Batch ID:**	37449		**TestNo:**		E300			**Units:**	mg/Kg
SampType:	MSD	**Run ID:**	IC_091005B		**Analysis Date:**		10/05/09 02:05 PM			**Prep Date:**	10/02/09
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		669	49.4	494.1	197.9	95.4	80	120	0.721	20	

Qualifiers:	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910001
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: IC_091005B

Sample ID:	ICV-091005	Batch ID:	R45793		TestNo:		E300		Units:	mg/Kg
SampType:	ICV	Run ID:	IC_091005B		Analysis Date:		10/05/09 08:51 AM		Prep Date:	10/05/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit Qual
Chloride		25.7	5.00	25.00	0	103	90	110		

Sample ID:	CCV1-091005	Batch ID:	R45793		TestNo:		E300		Units:	mg/Kg
SampType:	CCV	Run ID:	IC_091005B		Analysis Date:		10/05/09 10:52 AM		Prep Date:	10/05/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit Qual
Chloride		9.55	5.00	10.00	0	95.5	90	110		

Sample ID:	CCV2-091005	Batch ID:	R45793		TestNo:		E300		Units:	mg/Kg
SampType:	CCV	Run ID:	IC_091005B		Analysis Date:		10/05/09 01:14 PM		Prep Date:	10/05/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit Qual
Chloride		9.53	5.00	10.00	0	95.3	90	110		

Sample ID:	CCV3-091005	Batch ID:	R45793		TestNo:		E300		Units:	mg/Kg
SampType:	CCV	Run ID:	IC_091005B		Analysis Date:		10/05/09 03:40 PM		Prep Date:	10/05/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit Qual
Chloride		9.58	5.00	10.00	0	95.8	90	110		

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910001
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: PMOIST_091001A

Sample ID:	0910001-08B-DUP	Batch ID:	37448		TestNo:	D2216			Units:		WT%
SampType:	DUP	Run ID:	PMOIST_091001A		Analysis Date:	10/02/09 10:30 AM			Prep Date:		10/01/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Percent Moisture		1.19	0	0	1.235				3.57	30	

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

DHL ANALYTICAL

November 03, 2009

Michelle Green
Larson & Associates
507 N. Marienfeld #200
Midland, TX 79701

TEL: (432) 687-0901
FAX: (432) 687-0456

Order No: 0910164

RE: Eunice Landfarm

Dear Michelle Green:

DHL Analytical received 4 sample(s) on 10/22/2009 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAC except where noted in the Case Narrative. All non-NELAC methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

John DuPont
Lab Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-09-TX

ACCREDITED IN ACCORDANCE WITH nelac

Table of Contents

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

Data Reported to: Michelle Green

DATE: 10-21-09 PAGE 1 OF 1
PO #: LAB WORK ORDER #: 0910144
PROJECT LOCATION OR NAME: Eunice Landfarm
LAI PROJECT #: 6-0108 COLLECTOR: DM

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State:

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED
Cell 1A (0-1')	01	10-21	1317	S	4				X	X
Cell 1B (0-1')	02	↓	1300	S	4				|	|
Cell 1C (0-1')	03	↓	1331	S	4				|	|
Cell 1C-1 (0-1')	04	↓	1342	S	4				|	|
TOTAL										

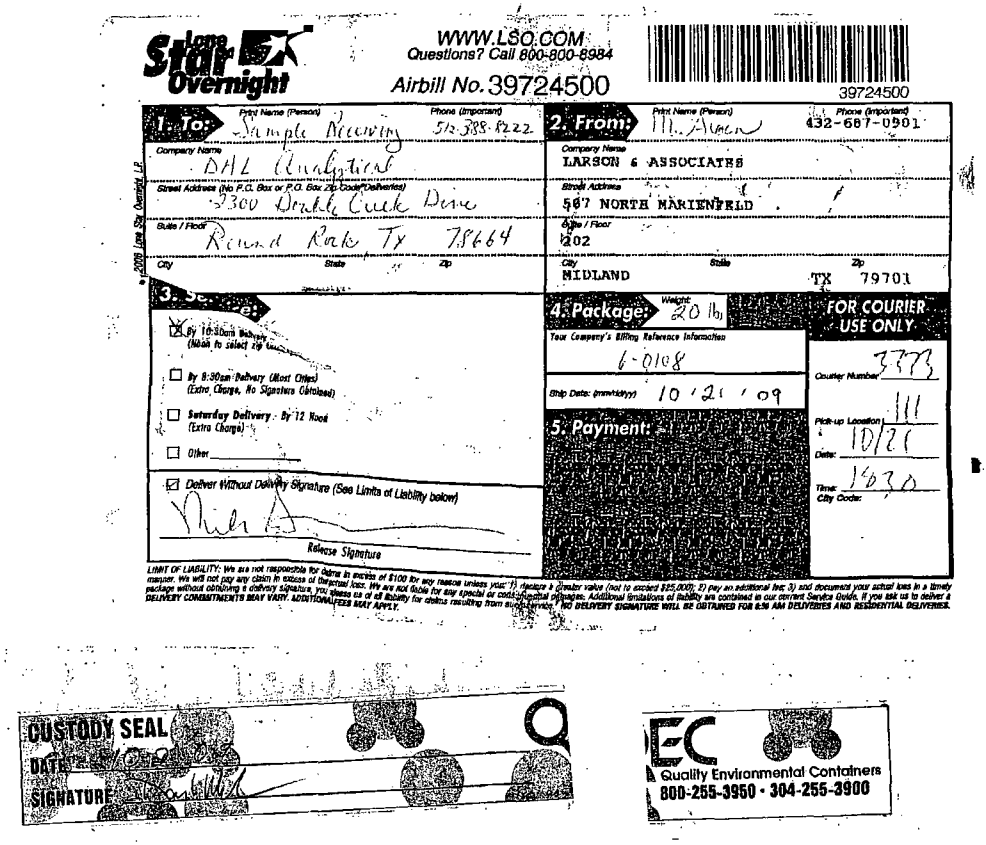
ANALYSES

Field Sample I.D.	BTEX ☐ MTBE ☐	TRPH 418.1☒ TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☐	DIESEL - MOD 8015 ☐	VOC 8260☒ See attached list	SVOC 8270 ☐ PAH 8270☒ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☒ TCLP VOC ☐	TCLP - METALS (RCRA) ☐ Semi-VOC ☐	TCLP - PEST ☐ HERB ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☒ CYANIDE ☒	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDE ☐ ANIONS ☒ ALKALINITY ☐	Benzo(a)pyrene	Phenols		FIELD NOTES
Cell 1A (0-1')		X			X	X		X						X			X	X	X		Metals: As, Ba, Cd, Cr, Pb
Cell 1B (0-1')		|			|	|		|						|			|	|	|		Hg, Se, Ag, U, Cu, Fe, Mn, Zn
Cell 1C (0-1')		|			|	|		|						|			|	|	|		
Cell 1C-1 (0-1')		|			|	|		|						|			|	|	|		Anions: Fl, NO_3, SO_4, Cl

RELINQUISHED BY:(Signature) [signature] DATE/TIME 10-21-09 / 1711 RECEIVED BY: (Signature) LSO
RELINQUISHED BY:(Signature) LSO DATE/TIME 10/22/09 0820 RECEIVED BY: (Signature) [signature]
RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 3.0°C THERM #: 57
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☒ CARRIER BILL # LSD
☐ HAND DELIVERED



Lone Star Overnight

WWW.LSO.COM
Questions? Call 800-800-8984

Airbill No. 39724500

39724500

1. To: Print Name (Person): Sample Receiving Phone (Important): 512-388-8222
Company Name: DHL Analytical
Street Address (No P.O. Box or P.O. Box Zip Code/Deliveries): 2300 Double Creek Drive
Suite / Floor: Round Rock TX 78664
City State Zip

2. From: Print Name (Person): M. Allen Phone (Important): 432-687-0901
Company Name: LARSON & ASSOCIATES
Street Address: 507 NORTH MARIENFELD
Suite / Floor: 202
City: MIDLAND State: TX Zip: 79701

3. Service:
☒ By 10:30am Delivery (Mark to select zip code)
☐ By 8:30am Delivery (Most Cities) (Extra Charge, No Signature Obtained)
☐ Saturday Delivery - By 12 Noon (Extra Charge)
☐ Other
☑ Deliver Without Delivery Signature (See Limits of Liability below)
Release Signature

4. Package: Weight: 20 lb
Your Company's Billing Reference Information: 6-0108
Ship Date: (mm/dd/yy): 10/21/09

5. Payment:

FOR COURIER USE ONLY
Courier Number: 377
Pick-up Location: 111
Date: 10/21
Time: 1630
City Code:

LIMIT OF LIABILITY: We are not responsible for claims in excess of $100 for any reason unless you: 1) declare a greater value (not to exceed $25,000), 2) pay an additional fee, 3) and document your actual loss in a timely manner. We will not pay any claim in excess of the actual loss. We are not liable for any special or consequential damages. Additional limitations of liability are contained in our current Service Guide. If you ask us to deliver a package without obtaining a delivery signature, you release us of all liability for claims resulting from such service. NO DELIVERY SIGNATURE WILL BE OBTAINED FOR 8:30 AM DELIVERIES AND RESIDENTIAL DELIVERIES. DELIVERY COMMITMENTS MAY VARY. ADDITIONAL FEES MAY APPLY.

DHL Analytical

Sample Receipt Checklist

Client Name **Larson & Associates** Date Received: **10/22/2009**

Work Order Number **0910164** Received by **AK**

Checklist completed by: Signature [signature] Date 10/22/09 Reviewed by Initials SS Date 10-22-9

Carrier name: LoneStar

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	3.0 °C
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Adjusted? _____ Checked by _____

Any No response must be detailed in the comments section below.

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

DHL Analytical Date: 11/03/09

CLIENT: Larson & Associates
Project: Eunice Landfarm
Lab Order: 0910164

CASE NARRATIVE

Sample was analyzed using the methods outlined in the following references:

Method SW6020 - Metals Analysis
Method SW7471A - Mercury Analysis
Method SW6020 - Uranium Analysis
Method SW8260B - Volatile Organics
Method SW8270C - Semivolatile Organics
Method E300 - Anions Analysis
Method E418.1 - TRPH Analysis
Method SW8082 - PCB Analysis
Method SW8270C - PAH Analysis
Method M4500-CN E (18th Edition) - Cyanide Analysis
Method D2216 - Percent Moisture

LOG IN

The samples were received and log-in performed on 10/22/09. A total of 4 samples were received. The samples arrived in good condition and were properly packaged.

METALS ANALYSIS

For Metals analysis performed on 10/30/09 the matrix spike and matrix spike duplicate recoveries were below control limits for Iron and Selenium. These are flagged accordingly in the QC summary report. The reference sample selected for the matrix spike and matrix spike duplicate was from this work order. The LCS was within control limits for these analytes. No further corrective actions were taken.

For Metals analysis performed on 10/29/09 and 11/2/09 the RPDs for the serial dilutions were slightly above control limits for a few analytes. These are flagged accordingly. The PDSs were within control limits for these analytes. No further corrective actions were taken.

For Metals analysis CCV3-091029 had the high internal response of the internal standard Germanium. The affected analyte (Zinc) was within control limits. No further corrective actions were taken.

VOLATILE ORGANICS ANALYSIS

For Volatiles analysis performed on 10/22/09 the matrix spike duplicate recovery was slightly below control limits for Tetrachloroethene. This is flagged accordingly in the QC summary report. The reference sample selected for the matrix spike and matrix spike duplicate was from this work order. The LCS was within control limits for this compound. No further corrective actions were taken.

SEMIVOLATILE ORGANICS ANALYSIS

For Semivolatiles analysis performed on 10/28/09 the matrix spike and matrix spike duplicate had the RPD above control limits for 1-Methylnaphthalene and Benzo[a]pyrene. These are flagged accordingly in the QC summary report. The reference sample selected for the matrix spike and matrix spike duplicate was from this work order. The percent recoveries were within control limits for these compounds. No further corrective actions were taken.

DHL Analytical

Date: 11/03/09

CLIENT: Larson & Associates
Project: Eunice Landfarm
Lab Order: 0910164

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recv'd
0910164-01	Cell 1A (0-1')		10/21/09 01:17 PM	10/22/09
0910164-02	Cell 1B (0-1')		10/21/09 01:00 PM	10/22/09
0910164-03	Cell 1C (0-1')		10/21/09 01:31 PM	10/22/09
0910164-04	Cell 1C-1 (0-1')		10/21/09 01:42 PM	10/22/09

CLIENT: Larson & Associates
Project: Eunice Landfarm
Lab Order: 0910164

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
0910164-01A	Cell 1A (0-1')	10/21/09 01:17 PM	Soil	SW5030B	Purge and Trap Soils GC/MS	10/22/09 09:31 AM	37782
0910164-01B	Cell 1A (0-1')	10/21/09 01:17 PM	Soil	SW3550B	Soil Prep Sonication: TRPH	10/26/09 10:30 AM	37829
	Cell 1A (0-1')	10/21/09 01:17 PM	Soil	SW9010	Cyanide Soil Prep	10/29/09 10:55 AM	37897
	Cell 1A (0-1')	10/21/09 01:17 PM	Soil	E300	Anion Prep	10/23/09 10:45 AM	37801
0910164-01C	Cell 1A (0-1')	10/21/09 01:17 PM	Soil	SW3550B	Soil Prep Sonication: PCB	10/26/09 02:02 PM	37832
	Cell 1A (0-1')	10/21/09 01:17 PM	Soil	SW3550B	Soil Prep Sonication: BNA	10/26/09 10:42 AM	37827
	Cell 1A (0-1')	10/21/09 01:17 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/23/09 10:16 AM	37798
0910164-01D	Cell 1A (0-1')	10/21/09 01:17 PM	Soil	SW7471A	Mercury Soil Prep, Total	10/22/09 01:07 PM	37777
	Cell 1A (0-1')	10/21/09 01:17 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	10/23/09 09:00 AM	37778
	Cell 1A (0-1')	10/21/09 01:17 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	10/23/09 09:00 AM	37778
	Cell 1A (0-1')	10/21/09 01:17 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	10/23/09 09:00 AM	37778
	Cell 1A (0-1')	10/21/09 01:17 PM	Soil	D2216	Moisture Preparation	10/22/09 05:00 PM	37786
	Cell 1A (0-1')	10/21/09 01:17 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	10/23/09 09:00 AM	37778
0910164-02A	Cell 1B (0-1')	10/21/09 01:00 PM	Soil	SW5030B	Purge and Trap Soils GC/MS	10/22/09 09:31 AM	37782
0910164-02B	Cell 1B (0-1')	10/21/09 01:00 PM	Soil	SW3550B	Soil Prep Sonication: TRPH	10/26/09 10:30 AM	37829
	Cell 1B (0-1')	10/21/09 01:00 PM	Soil	SW9010	Cyanide Soil Prep	10/29/09 10:55 AM	37897
	Cell 1B (0-1')	10/21/09 01:00 PM	Soil	E300	Anion Prep	10/23/09 10:45 AM	37801
0910164-02C	Cell 1B (0-1')	10/21/09 01:00 PM	Soil	SW3550B	Soil Prep Sonication: PCB	10/26/09 02:02 PM	37832
	Cell 1B (0-1')	10/21/09 01:00 PM	Soil	SW3550B	Soil Prep Sonication: BNA	10/26/09 10:42 AM	37827
	Cell 1B (0-1')	10/21/09 01:00 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/23/09 10:16 AM	37798
0910164-02D	Cell 1B (0-1')	10/21/09 01:00 PM	Soil	SW7471A	Mercury Soil Prep, Total	10/22/09 01:07 PM	37777
	Cell 1B (0-1')	10/21/09 01:00 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	10/23/09 09:00 AM	37778
	Cell 1B (0-1')	10/21/09 01:00 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	10/23/09 09:00 AM	37778
	Cell 1B (0-1')	10/21/09 01:00 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	10/23/09 09:00 AM	37778
	Cell 1B (0-1')	10/21/09 01:00 PM	Soil	D2216	Moisture Preparation	10/22/09 05:00 PM	37786
	Cell 1B (0-1')	10/21/09 01:00 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	10/23/09 09:00 AM	37778
0910164-03A	Cell 1C (0-1')	10/21/09 01:31 PM	Soil	SW5030B	Purge and Trap Soils GC/MS	10/22/09 09:31 AM	37782
0910164-03B	Cell 1C (0-1')	10/21/09 01:31 PM	Soil	SW3550B	Soil Prep Sonication: TRPH	10/26/09 10:30 AM	37829
	Cell 1C (0-1')	10/21/09 01:31 PM	Soil	SW9010	Cyanide Soil Prep	10/29/09 10:55 AM	37897

CLIENT: Larson & Associates
Project: Eunice Landfarm
Lab Order: 0910164

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
	Cell 1C (0-1')	10/21/09 01:31 PM	Soil	E300	Anion Prep	10/23/09 10:45 AM	37801
	Cell 1C (0-1')	10/21/09 01:31 PM	Soil	E300	Anion Prep	10/23/09 10:45 AM	37801
0910164-03C	Cell 1C (0-1')	10/21/09 01:31 PM	Soil	SW3550B	Soil Prep Sonication: PCB	10/26/09 02:02 PM	37832
	Cell 1C (0-1')	10/21/09 01:31 PM	Soil	SW3550B	Soil Prep Sonication: BNA	10/26/09 10:42 AM	37827
	Cell 1C (0-1')	10/21/09 01:31 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/23/09 10:16 AM	37798
0910164-03D	Cell 1C (0-1')	10/21/09 01:31 PM	Soil	SW7471A	Mercury Soil Prep, Total	10/22/09 01:07 PM	37777
	Cell 1C (0-1')	10/21/09 01:31 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	10/23/09 09:00 AM	37778
	Cell 1C (0-1')	10/21/09 01:31 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	10/23/09 09:00 AM	37778
	Cell 1C (0-1')	10/21/09 01:31 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	10/23/09 09:00 AM	37778
	Cell 1C (0-1')	10/21/09 01:31 PM	Soil	D2216	Moisture Preparation	10/22/09 05:00 PM	37786
	Cell 1C (0-1')	10/21/09 01:31 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	10/23/09 09:00 AM	37778
0910164-04A	Cell 1C-1 (0-1')	10/21/09 01:42 PM	Soil	SW5030B	Purge and Trap Soils GC/MS	10/22/09 09:31 AM	37782
0910164-04B	Cell 1C-1 (0-1')	10/21/09 01:42 PM	Soil	SW3550B	Soil Prep Sonication: TRPH	10/26/09 10:30 AM	37829
	Cell 1C-1 (0-1')	10/21/09 01:42 PM	Soil	SW9010	Cyanide Soil Prep	10/29/09 10:55 AM	37897
	Cell 1C-1 (0-1')	10/21/09 01:42 PM	Soil	E300	Anion Prep	10/23/09 10:45 AM	37801
0910164-04C	Cell 1C-1 (0-1')	10/21/09 01:42 PM	Soil	SW3550B	Soil Prep Sonication: PCB	10/26/09 02:02 PM	37832
	Cell 1C-1 (0-1')	10/21/09 01:42 PM	Soil	SW3550B	Soil Prep Sonication: BNA	10/26/09 10:42 AM	37827
	Cell 1C-1 (0-1')	10/21/09 01:42 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/23/09 10:16 AM	37798
0910164-04D	Cell 1C-1 (0-1')	10/21/09 01:42 PM	Soil	SW7471A	Mercury Soil Prep, Total	10/22/09 01:07 PM	37777
	Cell 1C-1 (0-1')	10/21/09 01:42 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	10/23/09 09:00 AM	37778
	Cell 1C-1 (0-1')	10/21/09 01:42 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	10/23/09 09:00 AM	37778
	Cell 1C-1 (0-1')	10/21/09 01:42 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	10/23/09 09:00 AM	37778
	Cell 1C-1 (0-1')	10/21/09 01:42 PM	Soil	D2216	Moisture Preparation	10/22/09 05:00 PM	37786
	Cell 1C-1 (0-1')	10/21/09 01:42 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	10/23/09 09:00 AM	37778

CLIENT: Larson & Associates
Project: Eunice Landfarm
Lab Order: 0910164

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
0910164-01A	Cell 1A (0-1')	Soil	SW8260B	Volatiles by GC/MS	37782	1	10/22/09 03:10 PM	GCMS2_091022B
0910164-01B	Cell 1A (0-1')	Soil	E300	Anions by IC method - Soil	37801	1	10/26/09 10:16 AM	IC2_091026A
	Cell 1A (0-1')	Soil	SW9014	Cyanide - Solid Sample	37897	1	10/29/09 04:06 PM	UV/VIS_2_091029A
	Cell 1A (0-1')	Soil	E418.1	TRPH	37829	10	10/26/09 01:30 PM	IR207_091026A
0910164-01C	Cell 1A (0-1')	Soil	SW8270C	PAHs: GC/MS	37798	1	10/28/09 08:01 PM	GCMS8_091028B
	Cell 1A (0-1')	Soil	SW8082	PCB by GC - Soil/Solid	37832	1	10/28/09 05:51 PM	GC16_091028C
	Cell 1A (0-1')	Soil	SW8270C	Semivolatiles by GC/MS	37827	1	10/27/09 09:55 PM	GCMS3_091027C
0910164-01D	Cell 1A (0-1')	Soil	D2216	Percent Moisture	37786	1	10/23/09 11:15 AM	PMOIST_091022A
	Cell 1A (0-1')	Soil	SW7471A	Total Mercury: Soil/Solid	37777	5	10/27/09 04:39 PM	CETAC_HG_091027A
	Cell 1A (0-1')	Soil	SW6020	Trace Metals: ICP-MS - Solid	37778	50	11/02/09 04:15 PM	ICP-MS2_091102A
	Cell 1A (0-1')	Soil	SW6020	Trace Metals: ICP-MS - Solid	37778	5	10/29/09 08:36 PM	ICP-MS3_091029A
	Cell 1A (0-1')	Soil	SW6020	Trace Metals: ICP-MS - Solid	37778	5	10/30/09 07:40 PM	ICP-MS3_091030A
	Cell 1A (0-1')	Soil	SW6020	Uranium in Soil by ICPMS	37778	5	11/02/09 11:31 AM	ICP-MS3_091102A
0910164-02A	Cell 1B (0-1')	Soil	SW8260B	Volatiles by GC/MS	37782	1	10/22/09 03:43 PM	GCMS2_091022B
0910164-02B	Cell 1B (0-1')	Soil	E300	Anions by IC method - Soil	37801	1	10/26/09 10:27 AM	IC2_091026A
	Cell 1B (0-1')	Soil	SW9014	Cyanide - Solid Sample	37897	1	10/29/09 04:06 PM	UV/VIS_2_091029A
	Cell 1B (0-1')	Soil	E418.1	TRPH	37829	1	10/26/09 01:30 PM	IR207_091026A
0910164-02C	Cell 1B (0-1')	Soil	SW8270C	PAHs: GC/MS	37798	1	10/28/09 08:34 PM	GCMS8_091028B
	Cell 1B (0-1')	Soil	SW8082	PCB by GC - Soil/Solid	37832	1	10/28/09 06:18 PM	GC16_091028C
	Cell 1B (0-1')	Soil	SW8270C	Semivolatiles by GC/MS	37827	1	10/28/09 09:40 PM	GCMS3_091027C
0910164-02D	Cell 1B (0-1')	Soil	D2216	Percent Moisture	37786	1	10/23/09 11:15 AM	PMOIST_091022A
	Cell 1B (0-1')	Soil	SW7471A	Total Mercury: Soil/Solid	37777	1	10/27/09 04:25 PM	CETAC_HG_091027A
	Cell 1B (0-1')	Soil	SW6020	Trace Metals: ICP-MS - Solid	37778	50	11/02/09 04:21 PM	ICP-MS2_091102A
	Cell 1B (0-1')	Soil	SW6020	Trace Metals: ICP-MS - Solid	37778	5	10/29/09 08:42 PM	ICP-MS3_091029A
	Cell 1B (0-1')	Soil	SW6020	Trace Metals: ICP-MS - Solid	37778	5	10/30/09 07:46 PM	ICP-MS3_091030A
	Cell 1B (0-1')	Soil	SW6020	Uranium in Soil by ICPMS	37778	5	11/02/09 11:32 AM	ICP-MS3_091102A
0910164-03A	Cell 1C (0-1')	Soil	SW8260B	Volatiles by GC/MS	37782	1	10/22/09 04:15 PM	GCMS2_091022B
0910164-03B	Cell 1C (0-1')	Soil	E300	Anions by IC method - Soil	37801	1	10/26/09 10:38 AM	IC2_091026A
	Cell 1C (0-1')	Soil	E300	Anions by IC method - Soil	37801	10	10/26/09 11:49 AM	IC2_091026A

CLIENT: Larson & Associates
Project: Eunice Landfarm
Lab Order: 0910164

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
	Cell 1C (0-1')	Soil	SW9014	Cyanide - Solid Sample	37897	1	10/29/09 04:20 PM	UV/VIS_2_091029A
	Cell 1C (0-1')	Soil	E418.1	TRPH	37829	1	10/26/09 01:30 PM	IR207_091026A
0910164-03C	Cell 1C (0-1')	Soil	SW8270C	PAHs: GC/MS	37798	1	10/28/09 09:07 PM	GCMS8_091028B
	Cell 1C (0-1')	Soil	SW8082	PCB by GC - Soil/Solid	37832	1	10/28/09 06:44 PM	GC16_091028C
	Cell 1C (0-1')	Soil	SW8270C	Semivolatiles by GC/MS	37827	1	10/28/09 10:03 PM	GCMS3_091027C
0910164-03D	Cell 1C (0-1')	Soil	D2216	Percent Moisture	37786	1	10/23/09 11:15 AM	PMOIST_091022A
	Cell 1C (0-1')	Soil	SW7471A	Total Mercury: Soil/Solid	37777	1	10/27/09 04:31 PM	CETAC_HG_091027A
	Cell 1C (0-1')	Soil	SW6020	Trace Metals: ICP-MS - Solid	37778	50	11/02/09 04:26 PM	ICP-MS2_091102A
	Cell 1C (0-1')	Soil	SW6020	Trace Metals: ICP-MS - Solid	37778	5	10/29/09 08:47 PM	ICP-MS3_091029A
	Cell 1C (0-1')	Soil	SW6020	Trace Metals: ICP-MS - Solid	37778	5	10/30/09 07:52 PM	ICP-MS3_091030A
	Cell 1C (0-1')	Soil	SW6020	Uranium in Soil by ICPMS	37778	5	11/02/09 11:34 AM	ICP-MS3_091102A
0910164-04A	Cell 1C-1 (0-1')	Soil	SW8260B	Volatiles by GC/MS	37782	1	10/22/09 04:48 PM	GCMS2_091022B
0910164-04B	Cell 1C-1 (0-1')	Soil	E300	Anions by IC method - Soil	37801	1	10/26/09 10:49 AM	IC2_091026A
	Cell 1C-1 (0-1')	Soil	SW9014	Cyanide - Solid Sample	37897	1	10/29/09 04:20 PM	UV/VIS_2_091029A
	Cell 1C-1 (0-1')	Soil	E418.1	TRPH	37829	1	10/26/09 01:30 PM	IR207_091026A
0910164-04C	Cell 1C-1 (0-1')	Soil	SW8270C	PAHs: GC/MS	37798	1	10/28/09 09:39 PM	GCMS8_091028B
	Cell 1C-1 (0-1')	Soil	SW8082	PCB by GC - Soil/Solid	37832	1	10/28/09 07:10 PM	GC16_091028C
	Cell 1C-1 (0-1')	Soil	SW8270C	Semivolatiles by GC/MS	37827	1	10/27/09 10:19 PM	GCMS3_091027C
0910164-04D	Cell 1C-1 (0-1')	Soil	D2216	Percent Moisture	37786	1	10/23/09 11:15 AM	PMOIST_091022A
	Cell 1C-1 (0-1')	Soil	SW7471A	Total Mercury: Soil/Solid	37777	1	10/27/09 04:12 PM	CETAC_HG_091027A
	Cell 1C-1 (0-1')	Soil	SW6020	Trace Metals: ICP-MS - Solid	37778	50	11/02/09 04:32 PM	ICP-MS2_091102A
	Cell 1C-1 (0-1')	Soil	SW6020	Trace Metals: ICP-MS - Solid	37778	5	10/29/09 08:53 PM	ICP-MS3_091029A
	Cell 1C-1 (0-1')	Soil	SW6020	Trace Metals: ICP-MS - Solid	37778	5	10/30/09 07:57 PM	ICP-MS3_091030A
	Cell 1C-1 (0-1')	Soil	SW6020	Uranium in Soil by ICPMS	37778	5	11/02/09 11:36 AM	ICP-MS3_091102A

CLIENT: Larson & Associates
Project: Eunice Landfarm
Project No: 6-0108
Lab Order: 0910164

Client Sample ID: Cell 1A (0-1')
Lab ID: 0910164-01
Collection Date: 10/21/09 01:17 PM
Matrix: Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
PCB by GC - Soil/Solid		**SW8082**					**Analyst: DO**
Aroclor 1016	ND	0.0490	0.0981		mg/Kg-dry	1	10/28/09 05:51 PM
Aroclor 1221	ND	0.0490	0.0981		mg/Kg-dry	1	10/28/09 05:51 PM
Aroclor 1232	ND	0.0490	0.0981		mg/Kg-dry	1	10/28/09 05:51 PM
Aroclor 1242	ND	0.0490	0.0981		mg/Kg-dry	1	10/28/09 05:51 PM
Aroclor 1248	ND	0.0490	0.0981		mg/Kg-dry	1	10/28/09 05:51 PM
Aroclor 1254	ND	0.0490	0.0981		mg/Kg-dry	1	10/28/09 05:51 PM
Aroclor 1260	ND	0.0490	0.0981		mg/Kg-dry	1	10/28/09 05:51 PM
Surr: Decachlorobiphenyl	45.8	0	40 - 130		%REC	1	10/28/09 05:51 PM
Surr: Tetrachloro-m-xylene	55.4	0	40 - 130		%REC	1	10/28/09 05:51 PM
Total Mercury: Soil/Solid		**SW7471A**					**Analyst: LM**
Mercury	1.11	0.0731	0.183		mg/Kg-dry	5	10/27/09 04:39 PM
Trace Metals: ICP-MS - Solid		**SW6020**					**Analyst: CZ**
Arsenic	4.12	0.455	0.910		mg/Kg-dry	5	10/30/09 07:40 PM
Barium	84.4	0.455	1.82		mg/Kg-dry	5	10/29/09 08:36 PM
Cadmium	0.296	0.0910	0.273		mg/Kg-dry	5	10/29/09 08:36 PM
Chromium	16.9	0.455	1.82		mg/Kg-dry	5	10/30/09 07:40 PM
Copper	39.4	0.455	1.82		mg/Kg-dry	5	10/30/09 07:40 PM
Iron	5880	114	114		mg/Kg-dry	50	11/02/09 04:15 PM
Lead	13.1	0.0910	0.273		mg/Kg-dry	5	10/29/09 08:36 PM
Manganese	63.0	0.455	1.82		mg/Kg-dry	5	10/30/09 07:40 PM
Selenium	0.493	0.136	0.455		mg/Kg-dry	5	10/30/09 07:40 PM
Silver	ND	0.0910	0.182		mg/Kg-dry	5	10/29/09 08:36 PM
Zinc	81.9	0.910	2.27		mg/Kg-dry	5	10/30/09 07:40 PM
Uranium in Soil by ICPMS		**SW6020**					**Analyst: CZ**
Uranium	ND	0.910	2.27	N	mg/Kg-dry	5	11/02/09 11:31 AM
Semivolatiles by GC/MS		**SW8270C**					**Analyst: DO**
2,4,5-Trichlorophenol	ND	0.0724	0.137		mg/Kg-dry	1	10/27/09 09:55 PM
2,4,6-Trichlorophenol	ND	0.0724	0.137		mg/Kg-dry	1	10/27/09 09:55 PM
2,4-Dichlorophenol	ND	0.0620	0.137		mg/Kg-dry	1	10/27/09 09:55 PM
2,4-Dimethylphenol	ND	0.0827	0.137		mg/Kg-dry	1	10/27/09 09:55 PM
2,4-Dinitrophenol	ND	0.0620	0.682		mg/Kg-dry	1	10/27/09 09:55 PM
2-Chlorophenol	ND	0.0517	0.137		mg/Kg-dry	1	10/27/09 09:55 PM
2-Methylphenol	ND	0.0724	0.137		mg/Kg-dry	1	10/27/09 09:55 PM
2-Nitrophenol	ND	0.0724	0.137		mg/Kg-dry	1	10/27/09 09:55 PM
4,6-Dinitro-2-methylphenol	ND	0.0827	0.341		mg/Kg-dry	1	10/27/09 09:55 PM
4-Chloro-3-methylphenol	ND	0.0620	0.137		mg/Kg-dry	1	10/27/09 09:55 PM
4-Methylphenol	ND	0.103	0.137		mg/Kg-dry	1	10/27/09 09:55 PM
4-Nitrophenol	ND	0.145	0.682		mg/Kg-dry	1	10/27/09 09:55 PM
Pentachlorophenol	ND	0.0930	0.137		mg/Kg-dry	1	10/27/09 09:55 PM
Phenol	ND	0.0620	0.137		mg/Kg-dry	1	10/27/09 09:55 PM
Surr: 2,4,6-Tribromophenol	87.8	0	45 - 138		%REC	1	10/27/09 09:55 PM
Surr: 2-Fluorophenol	72.1	0	37 - 125		%REC	1	10/27/09 09:55 PM
Surr: Phenol-d6	64.9	0	40 - 125		%REC	1	10/27/09 09:55 PM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT: Larson & Associates
Project: Eunice Landfarm
Project No: 6-0108
Lab Order: 0910164

Client Sample ID: Cell 1A (0-1')
Lab ID: 0910164-01
Collection Date: 10/21/09 01:17 PM
Matrix: Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
PAHs: GC/MS		**SW8270C**					**Analyst: DO**
1-Methylnaphthalene	ND	0.0101	0.0504	N	mg/Kg-dry	1	10/28/09 08:01 PM
2-Methylnaphthalene	ND	0.0202	0.0504		mg/Kg-dry	1	10/28/09 08:01 PM
Benzo[a]pyrene	ND	0.0303	0.0504		mg/Kg-dry	1	10/28/09 08:01 PM
Naphthalene	ND	0.0101	0.0504		mg/Kg-dry	1	10/28/09 08:01 PM
Surr: 2-Fluorobiphenyl	109	0	40 - 140		%REC	1	10/28/09 08:01 PM
Surr: 4-Terphenyl-d14	92.2	0	40 - 140		%REC	1	10/28/09 08:01 PM
Volatiles by GC/MS		**SW8260B**					**Analyst: AJR**
1,1,1-Trichloroethane	ND	0.00103	0.00514		mg/Kg-dry	1	10/22/09 03:10 PM
1,1,2,2-Tetrachloroethane	ND	0.00103	0.00514		mg/Kg-dry	1	10/22/09 03:10 PM
1,1,2-Trichloroethane	ND	0.00103	0.00514		mg/Kg-dry	1	10/22/09 03:10 PM
1,1-Dichloroethane	ND	0.00103	0.00514		mg/Kg-dry	1	10/22/09 03:10 PM
1,1-Dichloroethene	ND	0.00103	0.00514		mg/Kg-dry	1	10/22/09 03:10 PM
1,2-Dichloroethane	ND	0.00103	0.00514		mg/Kg-dry	1	10/22/09 03:10 PM
Carbon tetrachloride	ND	0.00103	0.00514		mg/Kg-dry	1	10/22/09 03:10 PM
Chloroform	ND	0.00103	0.00514		mg/Kg-dry	1	10/22/09 03:10 PM
Ethylene dibromide	ND	0.00103	0.00514		mg/Kg-dry	1	10/22/09 03:10 PM
Methylene chloride	ND	0.00514	0.00514		mg/Kg-dry	1	10/22/09 03:10 PM
Tetrachloroethene	ND	0.00103	0.00514		mg/Kg-dry	1	10/22/09 03:10 PM
Trichloroethene	ND	0.00103	0.00514		mg/Kg-dry	1	10/22/09 03:10 PM
Vinyl chloride	ND	0.00103	0.00514		mg/Kg-dry	1	10/22/09 03:10 PM
Surr: 1,2-Dichloroethane-d4	104	0	78 - 125		%REC	1	10/22/09 03:10 PM
Surr: 4-Bromofluorobenzene	112	0	82 - 125		%REC	1	10/22/09 03:10 PM
Surr: Dibromofluoromethane	99.9	0	84 - 116		%REC	1	10/22/09 03:10 PM
Surr: Toluene-d8	96.5	0	84 - 118		%REC	1	10/22/09 03:10 PM
TRPH		**E418.1**					**Analyst: JBC**
Petroleum Hydrocarbons, TR	2590	52.5	105	N	mg/Kg-dry	10	10/26/09 01:30 PM
Cyanide - Solid Sample		**SW9014**					**Analyst: SW**
Cyanide, Total	ND	0.204	0.510		mg/Kg-dry	1	10/29/09 04:06 PM
Anions by IC method - Soil		**E300**					**Analyst: JBC**
Chloride	48.7	5.24	5.24		mg/Kg-dry	1	10/26/09 10:16 AM
Fluoride	2.94	1.05	1.05		mg/Kg-dry	1	10/26/09 10:16 AM
Nitrate-N	18.4	5.24	5.24		mg/Kg-dry	1	10/26/09 10:16 AM
Sulfate	205	10.5	10.5		mg/Kg-dry	1	10/26/09 10:16 AM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	5.22	0	0		WT%	1	10/23/09 11:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT: Larson & Associates
Project: Eunice Landfarm
Project No: 6-0108
Lab Order: 0910164

Client Sample ID: Cell 1B (0-1')
Lab ID: 0910164-02
Collection Date: 10/21/09 01:00 PM
Matrix: Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
PCB by GC - Soil/Solid		**SW8082**					**Analyst: DO**
Aroclor 1016	ND	0.0528	0.106		mg/Kg-dry	1	10/28/09 06:18 PM
Aroclor 1221	ND	0.0528	0.106		mg/Kg-dry	1	10/28/09 06:18 PM
Aroclor 1232	ND	0.0528	0.106		mg/Kg-dry	1	10/28/09 06:18 PM
Aroclor 1242	ND	0.0528	0.106		mg/Kg-dry	1	10/28/09 06:18 PM
Aroclor 1248	ND	0.0528	0.106		mg/Kg-dry	1	10/28/09 06:18 PM
Aroclor 1254	ND	0.0528	0.106		mg/Kg-dry	1	10/28/09 06:18 PM
Aroclor 1260	ND	0.0528	0.106		mg/Kg-dry	1	10/28/09 06:18 PM
Surr: Decachlorobiphenyl	79.1	0	40 - 130		%REC	1	10/28/09 06:18 PM
Surr: Tetrachloro-m-xylene	85.5	0	40 - 130		%REC	1	10/28/09 06:18 PM
Total Mercury: Soil/Solid		**SW7471A**					**Analyst: LM**
Mercury	0.141	0.0159	0.0396		mg/Kg-dry	1	10/27/09 04:25 PM
Trace Metals: ICP-MS - Solid		**SW6020**					**Analyst: CZ**
Arsenic	2.65	0.536	1.07		mg/Kg-dry	5	10/30/09 07:46 PM
Barium	102	0.536	2.14		mg/Kg-dry	5	10/29/09 08:42 PM
Cadmium	0.309	0.107	0.322	J	mg/Kg-dry	5	10/29/09 08:42 PM
Chromium	14.5	0.536	2.14		mg/Kg-dry	5	10/30/09 07:46 PM
Copper	8.44	0.536	2.14		mg/Kg-dry	5	10/30/09 07:46 PM
Iron	5770	134	134		mg/Kg-dry	50	11/02/09 04:21 PM
Lead	6.04	0.107	0.322		mg/Kg-dry	5	10/29/09 08:42 PM
Manganese	57.3	0.536	2.14		mg/Kg-dry	5	10/30/09 07:46 PM
Selenium	0.526	0.161	0.536	J	mg/Kg-dry	5	10/30/09 07:46 PM
Silver	ND	0.107	0.214		mg/Kg-dry	5	10/29/09 08:42 PM
Zinc	28.9	1.07	2.68		mg/Kg-dry	5	10/30/09 07:46 PM
Uranium in Soil by ICPMS		**SW6020**					**Analyst: CZ**
Uranium	ND	1.07	2.68	N	mg/Kg-dry	5	11/02/09 11:32 AM
Semivolatiles by GC/MS		**SW8270C**					**Analyst: DO**
2,4,5-Trichlorophenol	ND	0.0757	0.144		mg/Kg-dry	1	10/28/09 09:40 PM
2,4,6-Trichlorophenol	ND	0.0757	0.144		mg/Kg-dry	1	10/28/09 09:40 PM
2,4-Dichlorophenol	ND	0.0649	0.144		mg/Kg-dry	1	10/28/09 09:40 PM
2,4-Dimethylphenol	ND	0.0865	0.144		mg/Kg-dry	1	10/28/09 09:40 PM
2,4-Dinitrophenol	ND	0.0649	0.714		mg/Kg-dry	1	10/28/09 09:40 PM
2-Chlorophenol	ND	0.0541	0.144		mg/Kg-dry	1	10/28/09 09:40 PM
2-Methylphenol	ND	0.0757	0.144		mg/Kg-dry	1	10/28/09 09:40 PM
2-Nitrophenol	ND	0.0757	0.144		mg/Kg-dry	1	10/28/09 09:40 PM
4,6-Dinitro-2-methylphenol	ND	0.0865	0.357		mg/Kg-dry	1	10/28/09 09:40 PM
4-Chloro-3-methylphenol	ND	0.0649	0.144		mg/Kg-dry	1	10/28/09 09:40 PM
4-Methylphenol	ND	0.108	0.144		mg/Kg-dry	1	10/28/09 09:40 PM
4-Nitrophenol	ND	0.151	0.714		mg/Kg-dry	1	10/28/09 09:40 PM
Pentachlorophenol	ND	0.0974	0.144		mg/Kg-dry	1	10/28/09 09:40 PM
Phenol	ND	0.0649	0.144		mg/Kg-dry	1	10/28/09 09:40 PM
Surr: 2,4,6-Tribromophenol	99.0	0	45 - 138		%REC	1	10/28/09 09:40 PM
Surr: 2-Fluorophenol	83.3	0	37 - 125		%REC	1	10/28/09 09:40 PM
Surr: Phenol-d6	85.6	0	40 - 125		%REC	1	10/28/09 09:40 PM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT: Larson & Associates
Project: Eunice Landfarm
Project No: 6-0108
Lab Order: 0910164

Client Sample ID: Cell 1B (0-1')
Lab ID: 0910164-02
Collection Date: 10/21/09 01:00 PM
Matrix: Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
PAHs: GC/MS		**SW8270C**					**Analyst: DO**
1-Methylnaphthalene	ND	0.0102	0.0511	N	mg/Kg-dry	1	10/28/09 08:34 PM
2-Methylnaphthalene	ND	0.0204	0.0511		mg/Kg-dry	1	10/28/09 08:34 PM
Benzo[a]pyrene	ND	0.0306	0.0511		mg/Kg-dry	1	10/28/09 08:34 PM
Naphthalene	ND	0.0102	0.0511		mg/Kg-dry	1	10/28/09 08:34 PM
Surr: 2-Fluorobiphenyl	107	0	40 - 140		%REC	1	10/28/09 08:34 PM
Surr: 4-Terphenyl-d14	87.9	0	40 - 140		%REC	1	10/28/09 08:34 PM
Volatiles by GC/MS		**SW8260B**					**Analyst: AJR**
1,1,1-Trichloroethane	ND	0.000975	0.00488		mg/Kg-dry	1	10/22/09 03:43 PM
1,1,2,2-Tetrachloroethane	ND	0.000975	0.00488		mg/Kg-dry	1	10/22/09 03:43 PM
1,1,2-Trichloroethane	ND	0.000975	0.00488		mg/Kg-dry	1	10/22/09 03:43 PM
1,1-Dichloroethane	ND	0.000975	0.00488		mg/Kg-dry	1	10/22/09 03:43 PM
1,1-Dichloroethene	ND	0.000975	0.00488		mg/Kg-dry	1	10/22/09 03:43 PM
1,2-Dichloroethane	ND	0.000975	0.00488		mg/Kg-dry	1	10/22/09 03:43 PM
Carbon tetrachloride	ND	0.000975	0.00488		mg/Kg-dry	1	10/22/09 03:43 PM
Chloroform	ND	0.000975	0.00488		mg/Kg-dry	1	10/22/09 03:43 PM
Ethylene dibromide	ND	0.000975	0.00488		mg/Kg-dry	1	10/22/09 03:43 PM
Methylene chloride	ND	0.00488	0.00488		mg/Kg-dry	1	10/22/09 03:43 PM
Tetrachloroethene	ND	0.000975	0.00488		mg/Kg-dry	1	10/22/09 03:43 PM
Trichloroethene	ND	0.000975	0.00488		mg/Kg-dry	1	10/22/09 03:43 PM
Vinyl chloride	ND	0.000975	0.00488		mg/Kg-dry	1	10/22/09 03:43 PM
Surr: 1,2-Dichloroethane-d4	105	0	78 - 125		%REC	1	10/22/09 03:43 PM
Surr: 4-Bromofluorobenzene	104	0	82 - 125		%REC	1	10/22/09 03:43 PM
Surr: Dibromofluoromethane	100	0	84 - 116		%REC	1	10/22/09 03:43 PM
Surr: Toluene-d8	95.4	0	84 - 118		%REC	1	10/22/09 03:43 PM
TRPH		**E418.1**					**Analyst: JBC**
Petroleum Hydrocarbons, TR	171	5.39	10.8	N	mg/Kg-dry	1	10/26/09 01:30 PM
Cyanide - Solid Sample		**SW9014**					**Analyst: SW**
Cyanide, Total	ND	0.200	0.501		mg/Kg-dry	1	10/29/09 04:06 PM
Anions by IC method - Soil		**E300**					**Analyst: JBC**
Chloride	ND	5.39	5.39		mg/Kg-dry	1	10/26/09 10:27 AM
Fluoride	2.30	1.08	1.08		mg/Kg-dry	1	10/26/09 10:27 AM
Nitrate-N	ND	5.39	5.39		mg/Kg-dry	1	10/26/09 10:27 AM
Sulfate	139	10.8	10.8		mg/Kg-dry	1	10/26/09 10:27 AM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	7.63	0	0		WT%	1	10/23/09 11:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT: Larson & Associates
Project: Eunice Landfarm
Project No: 6-0108
Lab Order: 0910164

Client Sample ID: Cell 1C (0-1')
Lab ID: 0910164-03
Collection Date: 10/21/09 01:31 PM
Matrix: Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
PCB by GC - Soil/Solid		**SW8082**					**Analyst: DO**
Aroclor 1016	ND	0.0535	0.107		mg/Kg-dry	1	10/28/09 06:44 PM
Aroclor 1221	ND	0.0535	0.107		mg/Kg-dry	1	10/28/09 06:44 PM
Aroclor 1232	ND	0.0535	0.107		mg/Kg-dry	1	10/28/09 06:44 PM
Aroclor 1242	ND	0.0535	0.107		mg/Kg-dry	1	10/28/09 06:44 PM
Aroclor 1248	ND	0.0535	0.107		mg/Kg-dry	1	10/28/09 06:44 PM
Aroclor 1254	ND	0.0535	0.107		mg/Kg-dry	1	10/28/09 06:44 PM
Aroclor 1260	ND	0.0535	0.107		mg/Kg-dry	1	10/28/09 06:44 PM
Surr: Decachlorobiphenyl	58.1	0	40 - 130		%REC	1	10/28/09 06:44 PM
Surr: Tetrachloro-m-xylene	70.9	0	40 - 130		%REC	1	10/28/09 06:44 PM
Total Mercury: Soil/Solid		**SW7471A**					**Analyst: LM**
Mercury	0.0365	0.0159	0.0398	J	mg/Kg-dry	1	10/27/09 04:31 PM
Trace Metals: ICP-MS - Solid		**SW6020**					**Analyst: CZ**
Arsenic	1.90	0.520	1.04		mg/Kg-dry	5	10/30/09 07:52 PM
Barium	59.8	0.520	2.08		mg/Kg-dry	5	10/29/09 08:47 PM
Cadmium	ND	0.104	0.312		mg/Kg-dry	5	10/29/09 08:47 PM
Chromium	9.18	0.520	2.08		mg/Kg-dry	5	10/30/09 07:52 PM
Copper	3.97	0.520	2.08		mg/Kg-dry	5	10/30/09 07:52 PM
Iron	7010	130	130		mg/Kg-dry	50	11/02/09 04:26 PM
Lead	3.86	0.104	0.312		mg/Kg-dry	5	10/29/09 08:47 PM
Manganese	56.8	0.520	2.08		mg/Kg-dry	5	10/30/09 07:52 PM
Selenium	0.544	0.156	0.520		mg/Kg-dry	5	10/30/09 07:52 PM
Silver	ND	0.104	0.208		mg/Kg-dry	5	10/29/09 08:47 PM
Zinc	15.7	1.04	2.60		mg/Kg-dry	5	10/30/09 07:52 PM
Uranium in Soil by ICPMS		**SW6020**					**Analyst: CZ**
Uranium	ND	1.04	2.60	N	mg/Kg-dry	5	11/02/09 11:34 AM
Semivolatiles by GC/MS		**SW8270C**					**Analyst: DO**
2,4,5-Trichlorophenol	ND	0.0726	0.138		mg/Kg-dry	1	10/28/09 10:03 PM
2,4,6-Trichlorophenol	ND	0.0726	0.138		mg/Kg-dry	1	10/28/09 10:03 PM
2,4-Dichlorophenol	ND	0.0622	0.138		mg/Kg-dry	1	10/28/09 10:03 PM
2,4-Dimethylphenol	ND	0.0829	0.138		mg/Kg-dry	1	10/28/09 10:03 PM
2,4-Dinitrophenol	ND	0.0622	0.684		mg/Kg-dry	1	10/28/09 10:03 PM
2-Chlorophenol	ND	0.0518	0.138		mg/Kg-dry	1	10/28/09 10:03 PM
2-Methylphenol	ND	0.0726	0.138		mg/Kg-dry	1	10/28/09 10:03 PM
2-Nitrophenol	ND	0.0726	0.138		mg/Kg-dry	1	10/28/09 10:03 PM
4,6-Dinitro-2-methylphenol	ND	0.0829	0.342		mg/Kg-dry	1	10/28/09 10:03 PM
4-Chloro-3-methylphenol	ND	0.0622	0.138		mg/Kg-dry	1	10/28/09 10:03 PM
4-Methylphenol	ND	0.104	0.138		mg/Kg-dry	1	10/28/09 10:03 PM
4-Nitrophenol	ND	0.145	0.684		mg/Kg-dry	1	10/28/09 10:03 PM
Pentachlorophenol	ND	0.0933	0.138		mg/Kg-dry	1	10/28/09 10:03 PM
Phenol	ND	0.0622	0.138		mg/Kg-dry	1	10/28/09 10:03 PM
Surr: 2,4,6-Tribromophenol	92.3	0	45 - 138		%REC	1	10/28/09 10:03 PM
Surr: 2-Fluorophenol	79.1	0	37 - 125		%REC	1	10/28/09 10:03 PM
Surr: Phenol-d6	76.9	0	40 - 125		%REC	1	10/28/09 10:03 PM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT: Larson & Associates
Project: Eunice Landfarm
Project No: 6-0108
Lab Order: 0910164

Client Sample ID: Cell 1C (0-1')
Lab ID: 0910164-03
Collection Date: 10/21/09 01:31 PM
Matrix: Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
PAHs: GC/MS		**SW8270C**					**Analyst: DO**
1-Methylnaphthalene	ND	0.0107	0.0535	N	mg/Kg-dry	1	10/28/09 09:07 PM
2-Methylnaphthalene	ND	0.0214	0.0535		mg/Kg-dry	1	10/28/09 09:07 PM
Benzo[a]pyrene	ND	0.0321	0.0535		mg/Kg-dry	1	10/28/09 09:07 PM
Naphthalene	ND	0.0107	0.0535		mg/Kg-dry	1	10/28/09 09:07 PM
Surr: 2-Fluorobiphenyl	117	0	40 - 140		%REC	1	10/28/09 09:07 PM
Surr: 4-Terphenyl-d14	94.2	0	40 - 140		%REC	1	10/28/09 09:07 PM
Volatiles by GC/MS		**SW8260B**					**Analyst: AJR**
1,1,1-Trichloroethane	ND	0.00106	0.00528		mg/Kg-dry	1	10/22/09 04:15 PM
1,1,2,2-Tetrachloroethane	ND	0.00106	0.00528		mg/Kg-dry	1	10/22/09 04:15 PM
1,1,2-Trichloroethane	ND	0.00106	0.00528		mg/Kg-dry	1	10/22/09 04:15 PM
1,1-Dichloroethane	ND	0.00106	0.00528		mg/Kg-dry	1	10/22/09 04:15 PM
1,1-Dichloroethene	ND	0.00106	0.00528		mg/Kg-dry	1	10/22/09 04:15 PM
1,2-Dichloroethane	ND	0.00106	0.00528		mg/Kg-dry	1	10/22/09 04:15 PM
Carbon tetrachloride	ND	0.00106	0.00528		mg/Kg-dry	1	10/22/09 04:15 PM
Chloroform	ND	0.00106	0.00528		mg/Kg-dry	1	10/22/09 04:15 PM
Ethylene dibromide	ND	0.00106	0.00528		mg/Kg-dry	1	10/22/09 04:15 PM
Methylene chloride	ND	0.00528	0.00528		mg/Kg-dry	1	10/22/09 04:15 PM
Tetrachloroethene	ND	0.00106	0.00528		mg/Kg-dry	1	10/22/09 04:15 PM
Trichloroethene	ND	0.00106	0.00528		mg/Kg-dry	1	10/22/09 04:15 PM
Vinyl chloride	ND	0.00106	0.00528		mg/Kg-dry	1	10/22/09 04:15 PM
Surr: 1,2-Dichloroethane-d4	108	0	78 - 125		%REC	1	10/22/09 04:15 PM
Surr: 4-Bromofluorobenzene	101	0	82 - 125		%REC	1	10/22/09 04:15 PM
Surr: Dibromofluoromethane	103	0	84 - 116		%REC	1	10/22/09 04:15 PM
Surr: Toluene-d8	94.0	0	84 - 118		%REC	1	10/22/09 04:15 PM
TRPH		**E418.1**					**Analyst: JBC**
Petroleum Hydrocarbons, TR	62.5	5.38	10.8	N	mg/Kg-dry	1	10/26/09 01:30 PM
Cyanide - Solid Sample		**SW9014**					**Analyst: SW**
Cyanide, Total	ND	0.204	0.510		mg/Kg-dry	1	10/29/09 04:20 PM
Anions by IC method - Soil		**E300**					**Analyst: JBC**
Chloride	283	53.9	53.9		mg/Kg-dry	10	10/26/09 11:49 AM
Fluoride	2.14	1.08	1.08		mg/Kg-dry	1	10/26/09 10:38 AM
Nitrate-N	ND	5.39	5.39		mg/Kg-dry	1	10/26/09 10:38 AM
Sulfate	3400	108	108		mg/Kg-dry	10	10/26/09 11:49 AM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	7.56	0	0		WT%	1	10/23/09 11:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT: Larson & Associates
Project: Eunice Landfarm
Project No: 6-0108
Lab Order: 0910164

Client Sample ID: Cell 1C-1 (0-1')
Lab ID: 0910164-04
Collection Date: 10/21/09 01:42 PM
Matrix: Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
PCB by GC - Soil/Solid		**SW8082**					**Analyst: DO**
Aroclor 1016	ND	0.0542	0.108		mg/Kg-dry	1	10/28/09 07:10 PM
Aroclor 1221	ND	0.0542	0.108		mg/Kg-dry	1	10/28/09 07:10 PM
Aroclor 1232	ND	0.0542	0.108		mg/Kg-dry	1	10/28/09 07:10 PM
Aroclor 1242	ND	0.0542	0.108		mg/Kg-dry	1	10/28/09 07:10 PM
Aroclor 1248	ND	0.0542	0.108		mg/Kg-dry	1	10/28/09 07:10 PM
Aroclor 1254	ND	0.0542	0.108		mg/Kg-dry	1	10/28/09 07:10 PM
Aroclor 1260	ND	0.0542	0.108		mg/Kg-dry	1	10/28/09 07:10 PM
Surr: Decachlorobiphenyl	71.0	0	40 - 130		%REC	1	10/28/09 07:10 PM
Surr: Tetrachloro-m-xylene	80.9	0	40 - 130		%REC	1	10/28/09 07:10 PM
Total Mercury: Soil/Solid		**SW7471A**					**Analyst: LM**
Mercury	0.0595	0.0152	0.0380		mg/Kg-dry	1	10/27/09 04:12 PM
Trace Metals: ICP-MS - Solid		**SW6020**					**Analyst: CZ**
Arsenic	2.34	0.489	0.978		mg/Kg-dry	5	10/30/09 07:57 PM
Barium	48.5	0.489	1.96		mg/Kg-dry	5	10/29/09 08:53 PM
Cadmium	ND	0.0978	0.293		mg/Kg-dry	5	10/29/09 08:53 PM
Chromium	11.0	0.489	1.96		mg/Kg-dry	5	10/30/09 07:57 PM
Copper	4.13	0.489	1.96		mg/Kg-dry	5	10/30/09 07:57 PM
Iron	7150	122	122		mg/Kg-dry	50	11/02/09 04:32 PM
Lead	4.27	0.0978	0.293		mg/Kg-dry	5	10/29/09 08:53 PM
Manganese	74.2	0.489	1.96		mg/Kg-dry	5	10/30/09 07:57 PM
Selenium	0.611	0.147	0.489		mg/Kg-dry	5	10/30/09 07:57 PM
Silver	ND	0.0978	0.196		mg/Kg-dry	5	10/29/09 08:53 PM
Zinc	17.6	0.978	2.45		mg/Kg-dry	5	10/30/09 07:57 PM
Uranium in Soil by ICPMS		**SW6020**					**Analyst: CZ**
Uranium	ND	0.978	2.45	N	mg/Kg-dry	5	11/02/09 11:36 AM
Semivolatiles by GC/MS		**SW8270C**					**Analyst: DO**
2,4,5-Trichlorophenol	ND	0.0722	0.137		mg/Kg-dry	1	10/27/09 10:19 PM
2,4,6-Trichlorophenol	ND	0.0722	0.137		mg/Kg-dry	1	10/27/09 10:19 PM
2,4-Dichlorophenol	ND	0.0619	0.137		mg/Kg-dry	1	10/27/09 10:19 PM
2,4-Dimethylphenol	ND	0.0825	0.137		mg/Kg-dry	1	10/27/09 10:19 PM
2,4-Dinitrophenol	ND	0.0619	0.681		mg/Kg-dry	1	10/27/09 10:19 PM
2-Chlorophenol	ND	0.0516	0.137		mg/Kg-dry	1	10/27/09 10:19 PM
2-Methylphenol	ND	0.0722	0.137		mg/Kg-dry	1	10/27/09 10:19 PM
2-Nitrophenol	ND	0.0722	0.137		mg/Kg-dry	1	10/27/09 10:19 PM
4,6-Dinitro-2-methylphenol	ND	0.0825	0.340		mg/Kg-dry	1	10/27/09 10:19 PM
4-Chloro-3-methylphenol	ND	0.0619	0.137		mg/Kg-dry	1	10/27/09 10:19 PM
4-Methylphenol	ND	0.103	0.137		mg/Kg-dry	1	10/27/09 10:19 PM
4-Nitrophenol	ND	0.144	0.681		mg/Kg-dry	1	10/27/09 10:19 PM
Pentachlorophenol	ND	0.0928	0.137		mg/Kg-dry	1	10/27/09 10:19 PM
Phenol	ND	0.0619	0.137		mg/Kg-dry	1	10/27/09 10:19 PM
Surr: 2,4,6-Tribromophenol	94.0	0	45 - 138		%REC	1	10/27/09 10:19 PM
Surr: 2-Fluorophenol	77.6	0	37 - 125		%REC	1	10/27/09 10:19 PM
Surr: Phenol-d6	67.9	0	40 - 125		%REC	1	10/27/09 10:19 PM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT: Larson & Associates
Project: Eunice Landfarm
Project No: 6-0108
Lab Order: 0910164

Client Sample ID: Cell 1C-1 (0-1')
Lab ID: 0910164-04
Collection Date: 10/21/09 01:42 PM
Matrix: Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
PAHs: GC/MS		**SW8270C**					**Analyst: DO**
1-Methylnaphthalene	ND	0.0103	0.0514	N	mg/Kg-dry	1	10/28/09 09:39 PM
2-Methylnaphthalene	ND	0.0206	0.0514		mg/Kg-dry	1	10/28/09 09:39 PM
Benzo[a]pyrene	ND	0.0308	0.0514		mg/Kg-dry	1	10/28/09 09:39 PM
Naphthalene	ND	0.0103	0.0514		mg/Kg-dry	1	10/28/09 09:39 PM
Surr: 2-Fluorobiphenyl	101	0	40 - 140		%REC	1	10/28/09 09:39 PM
Surr: 4-Terphenyl-d14	85.8	0	40 - 140		%REC	1	10/28/09 09:39 PM
Volatiles by GC/MS		**SW8260B**					**Analyst: AJR**
1,1,1-Trichloroethane	ND	0.00104	0.00518		mg/Kg-dry	1	10/22/09 04:48 PM
1,1,2,2-Tetrachloroethane	ND	0.00104	0.00518		mg/Kg-dry	1	10/22/09 04:48 PM
1,1,2-Trichloroethane	ND	0.00104	0.00518		mg/Kg-dry	1	10/22/09 04:48 PM
1,1-Dichloroethane	ND	0.00104	0.00518		mg/Kg-dry	1	10/22/09 04:48 PM
1,1-Dichloroethene	ND	0.00104	0.00518		mg/Kg-dry	1	10/22/09 04:48 PM
1,2-Dichloroethane	ND	0.00104	0.00518		mg/Kg-dry	1	10/22/09 04:48 PM
Carbon tetrachloride	ND	0.00104	0.00518		mg/Kg-dry	1	10/22/09 04:48 PM
Chloroform	ND	0.00104	0.00518		mg/Kg-dry	1	10/22/09 04:48 PM
Ethylene dibromide	ND	0.00104	0.00518		mg/Kg-dry	1	10/22/09 04:48 PM
Methylene chloride	ND	0.00518	0.00518		mg/Kg-dry	1	10/22/09 04:48 PM
Tetrachloroethene	ND	0.00104	0.00518		mg/Kg-dry	1	10/22/09 04:48 PM
Trichloroethene	ND	0.00104	0.00518		mg/Kg-dry	1	10/22/09 04:48 PM
Vinyl chloride	ND	0.00104	0.00518		mg/Kg-dry	1	10/22/09 04:48 PM
Surr: 1,2-Dichloroethane-d4	108	0	78 - 125		%REC	1	10/22/09 04:48 PM
Surr: 4-Bromofluorobenzene	101	0	82 - 125		%REC	1	10/22/09 04:48 PM
Surr: Dibromofluoromethane	103	0	84 - 116		%REC	1	10/22/09 04:48 PM
Surr: Toluene-d8	94.3	0	84 - 118		%REC	1	10/22/09 04:48 PM
TRPH		**E418.1**					**Analyst: JBC**
Petroleum Hydrocarbons, TR	113	5.36	10.7	N	mg/Kg-dry	1	10/26/09 01:30 PM
Cyanide - Solid Sample		**SW9014**					**Analyst: SW**
Cyanide, Total	ND	0.209	0.522		mg/Kg-dry	1	10/29/09 04:20 PM
Anions by IC method - Soil		**E300**					**Analyst: JBC**
Chloride	19.0	5.26	5.26		mg/Kg-dry	1	10/26/09 10:49 AM
Fluoride	2.97	1.05	1.05		mg/Kg-dry	1	10/26/09 10:49 AM
Nitrate-N	ND	5.26	5.26		mg/Kg-dry	1	10/26/09 10:49 AM
Sulfate	255	10.5	10.5		mg/Kg-dry	1	10/26/09 10:49 AM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	7.90	0	0		WT%	1	10/23/09 11:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: GC16_091028C

Sample ID:	LCS-37832	Batch ID:	37832		TestNo:		SW8082		Units:		mg/Kg
SampType:	LCS	Run ID:	GC16_091028C		Analysis Date:		10/28/09 03:09 PM		Prep Date:		10/26/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016		0.808	0.100	1.000	0	80.8	65	126			
Aroclor 1260		0.820	0.100	1.000	0	82.0	66	118			
Surr: Decachlorobiphenyl		0.0891		0.1000		89.1	50	130			
Surr: Tetrachloro-m-xylene		0.0886		0.1000		88.6	50	130			

Sample ID:	MB-37832	Batch ID:	37832		TestNo:		SW8082		Units:		mg/Kg
SampType:	MBLK	Run ID:	GC16_091028C		Analysis Date:		10/28/09 05:25 PM		Prep Date:		10/26/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016		ND	0.100								
Aroclor 1221		ND	0.100								
Aroclor 1232		ND	0.100								
Aroclor 1242		ND	0.100								
Aroclor 1248		ND	0.100								
Aroclor 1254		ND	0.100								
Aroclor 1260		ND	0.100								
Surr: Decachlorobiphenyl		0.0886		0.1000		88.6	50	130			
Surr: Tetrachloro-m-xylene		0.0902		0.1000		90.2	50	130			

Sample ID:	0910164-01C-MS	Batch ID:	37832		TestNo:		SW8082		Units:		mg/Kg-dry
SampType:	MS	Run ID:	GC16_091028C		Analysis Date:		10/28/09 11:33 PM		Prep Date:		10/26/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016		0.684	0.100	1.002	0	68.3	65	126			
Aroclor 1260		0.698	0.100	1.002	0	69.7	66	118			
Surr: Decachlorobiphenyl		0.0603		0.1002		60.2	40	130			
Surr: Tetrachloro-m-xylene		0.0619		0.1002		61.8	40	130			

Sample ID:	0910164-01C-MSD	Batch ID:	37832		TestNo:		SW8082		Units:		mg/Kg-dry
SampType:	MSD	Run ID:	GC16_091028C		Analysis Date:		10/29/09 12:00 AM		Prep Date:		10/26/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016		0.698	0.0985	0.9851	0	70.8	65	126	2.02	50	
Aroclor 1260		0.660	0.0985	0.9851	0	67.0	66	118	5.64	50	
Surr: Decachlorobiphenyl		0.0628		0.09851		63.7	40	130	0	50	
Surr: Tetrachloro-m-xylene		0.0701		0.09851		71.1	40	130	0	50	

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: GC16_091028C

Sample ID:	ICV-091028 PCB	Batch ID:	R46294	TestNo:		SW8082		Units:	mg/Kg
SampType:	ICV	Run ID:	GC16_091028C	Analysis Date:		10/28/09 02:42 PM		Prep Date:	
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit Qual
Aroclor 1016	2.07	0.100	2.000	0	103	85	115		
Aroclor 1260	2.27	0.100	2.000	0	113	85	115		
Surr: Decachlorobiphenyl	0.233		0.2000		117	50	130		
Surr: Tetrachloro-m-xylene	0.213		0.2000		107	50	130		

Sample ID:	CCV1-091028 1254	Batch ID:	R46294	TestNo:		SW8082		Units:	mg/Kg
SampType:	CCV	Run ID:	GC16_091028C	Analysis Date:		10/28/09 08:29 PM		Prep Date:	
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit Qual
Aroclor 1254	1.00	0.100	1.000	0	100	85	115		
Surr: Decachlorobiphenyl	0.103		0.1000		103	50	130		
Surr: Tetrachloro-m-xylene	0.101		0.1000		101	50	130		

Sample ID:	CCV1-091028	Batch ID:	R46294	TestNo:		SW8082		Units:	mg/Kg
SampType:	CCV	Run ID:	GC16_091028C	Analysis Date:		10/28/09 08:55 PM		Prep Date:	
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit Qual
Aroclor 1016	0.852	0.100	1.000	0	85.2	85	115		
Aroclor 1260	0.904	0.100	1.000	0	90.4	85	115		
Surr: Decachlorobiphenyl	0.112		0.1000		112	50	130		
Surr: Tetrachloro-m-xylene	0.104		0.1000		104	50	130		

Qualifiers:				
B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: CETAC_HG_091027A

Sample ID:	MB-37777	Batch ID:	37777	TestNo:	SW7471A			Units:	mg/Kg		
SampType:	MBLK	Run ID:	CETAC_HG_091027A	Analysis Date:	10/27/09 04:05 PM			Prep Date:	10/22/09		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Mercury		ND	0.0400								
Sample ID:	LCS-37777	Batch ID:	37777	TestNo:	SW7471A			Units:	mg/Kg		
SampType:	LCS	Run ID:	CETAC_HG_091027A	Analysis Date:	10/27/09 04:07 PM			Prep Date:	10/22/09		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Mercury		0.228	0.0400	0.2000	0	114	85	115			
Sample ID:	LCSD-37777	Batch ID:	37777	TestNo:	SW7471A			Units:	mg/Kg		
SampType:	LCSD	Run ID:	CETAC_HG_091027A	Analysis Date:	10/27/09 04:10 PM			Prep Date:	10/22/09		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Mercury		0.229	0.0400	0.2000	0	114	85	115	0.438	25	
Sample ID:	0910164-04D SD	Batch ID:	37777	TestNo:	SW7471A			Units:	mg/Kg-dry		
SampType:	SD	Run ID:	CETAC_HG_091027A	Analysis Date:	10/27/09 04:14 PM			Prep Date:	10/22/09		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Mercury		0	0.190	0	0.05953				0	10	
Sample ID:	0910164-04D PDS	Batch ID:	37777	TestNo:	SW7471A			Units:	mg/Kg-dry		
SampType:	PDS	Run ID:	CETAC_HG_091027A	Analysis Date:	10/27/09 04:16 PM			Prep Date:	10/22/09		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Mercury		0.299	0.0380	0.2377	0.05953	101	85	115			
Sample ID:	0910164-04D MS	Batch ID:	37777	TestNo:	SW7471A			Units:	mg/Kg-dry		
SampType:	MS	Run ID:	CETAC_HG_091027A	Analysis Date:	10/27/09 04:35 PM			Prep Date:	10/22/09		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Mercury		0.254	0.0380	0.1899	0.05953	103	80	120			
Sample ID:	0910164-04D MSD	Batch ID:	37777	TestNo:	SW7471A			Units:	mg/Kg-dry		
SampType:	MSD	Run ID:	CETAC_HG_091027A	Analysis Date:	10/27/09 04:37 PM			Prep Date:	10/22/09		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Mercury		0.247	0.0364	0.1822	0.05953	103	80	120	3.00	25	

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: CETAC_HG_091027A

Sample ID:	ICV-091027	Batch ID:	R46193		TestNo:		SW7471A		Units:		mg/Kg
SampType:	ICV	Run ID:	CETAC_HG_091027A		Analysis Date:		10/27/09 04:01 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Mercury		0.00379	0.0400	0.004000	0	94.8	90	110			

Sample ID:	CCV1-091027	Batch ID:	R46193		TestNo:		SW7471A		Units:		mg/Kg
SampType:	CCV	Run ID:	CETAC_HG_091027A		Analysis Date:		10/27/09 04:27 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Mercury		0.00208	0.0400	0.002000	0	104	90	110			

Sample ID:	CCV2-091027	Batch ID:	R46193		TestNo:		SW7471A		Units:		mg/Kg
SampType:	CCV	Run ID:	CETAC_HG_091027A		Analysis Date:		10/27/09 04:41 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Mercury		0.00204	0.0400	0.002000	0	102	90	110			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS2_091102A

Sample ID:	LCS-37778	**Batch ID:**	37778		**TestNo:**		SW6020			**Units:**	mg/Kg
SampType:	LCS	**Run ID:**	ICP-MS2_091102A		**Analysis Date:**		11/02/09 04:09 PM			**Prep Date:**	10/23/09
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Selenium		45.2	0.500	50.00	0	90.3	80	120			

Sample ID:	0910164-04D SD	**Batch ID:**	37778		**TestNo:**		SW6020			**Units:**	mg/Kg-dry
SampType:	SD	**Run ID:**	ICP-MS2_091102A		**Analysis Date:**		11/02/09 04:38 PM			**Prep Date:**	10/23/09
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Iron		8400	611	0	7153				16.0	10	R

Sample ID:	0910164-04D PDS	**Batch ID:**	37778		**TestNo:**		SW6020			**Units:**	mg/Kg-dry
SampType:	PDS	**Run ID:**	ICP-MS2_091102A		**Analysis Date:**		11/02/09 04:44 PM			**Prep Date:**	10/23/09
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Iron		19300	122	12230	7153	99.1	75	125			

Qualifiers:	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS2_091102A

Sample ID:	ICV2-091102	Batch ID:	R46317		TestNo:		SW6020		Units:		mg/L
SampType:	ICV	Run ID:	ICP-MS2_091102A		Analysis Date:		11/02/09 03:51 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Iron		2.59	0.150	2.50	0	104	90	110			
Selenium		0.0973	0.00600	0.100	0	97.3	90	110			

Sample ID:	CCV2-091102	Batch ID:	R46317		TestNo:		SW6020		Units:		mg/L
SampType:	CCV	Run ID:	ICP-MS2_091102A		Analysis Date:		11/02/09 04:56 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Iron		5.04	0.150	5.00	0	101	90	110			
Selenium		0.202	0.00600	0.200	0	101	90	110			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3_091029A

Sample ID:	MB-37778	Batch ID:	37778		TestNo:		SW6020		Units:		mg/Kg
SampType:	MBLK	Run ID:	ICP-MS3_091029A		Analysis Date:		10/29/09 08:19 PM		Prep Date:		10/23/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		ND	2.00								
Cadmium		ND	0.300								
Lead		ND	0.300								
Silver		ND	0.200								

Sample ID:	LCS-37778	Batch ID:	37778		TestNo:		SW6020		Units:		mg/Kg
SampType:	LCS	Run ID:	ICP-MS3_091029A		Analysis Date:		10/29/09 08:25 PM		Prep Date:		10/23/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		47.2	2.00	50.00	0	94.4	80	120			
Cadmium		45.1	0.300	50.00	0	90.1	80	120			
Lead		47.9	0.300	50.00	0	95.9	80	120			
Silver		46.4	0.200	50.00	0	92.9	80	120			

Sample ID:	LCSD-37778	Batch ID:	37778		TestNo:		SW6020		Units:		mg/Kg
SampType:	LCSD	Run ID:	ICP-MS3_091029A		Analysis Date:		10/29/09 08:31 PM		Prep Date:		10/23/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		47.6	2.00	50.00	0	95.2	80	120	0.791	20	
Cadmium		46.0	0.300	50.00	0	91.9	80	120	1.98	20	
Lead		47.9	0.300	50.00	0	95.9	80	120	0	20	
Silver		47.3	0.200	50.00	0	94.6	80	120	1.87	20	

Sample ID:	0910164-04D SD	Batch ID:	37778		TestNo:		SW6020		Units:		mg/Kg-dry
SampType:	SD	Run ID:	ICP-MS3_091029A		Analysis Date:		10/29/09 08:59 PM		Prep Date:		10/23/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		41.6	9.78	0	48.49				15.3	10	R
Cadmium		0	1.47	0	0				0	10	
Lead		3.67	1.47	0	4.267				15.2	10	R
Silver		0	0.978	0	0				0	10	

Sample ID:	0910164-04D PDS	Batch ID:	37778		TestNo:		SW6020		Units:		mg/Kg-dry
SampType:	PDS	Run ID:	ICP-MS3_091029A		Analysis Date:		10/29/09 09:04 PM		Prep Date:		10/23/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		101	1.96	48.91	48.49	107	75	125			
Cadmium		47.7	0.293	48.91	0	97.6	75	125			
Lead		56.4	0.293	48.91	4.267	107	75	125			
Silver		49.3	0.196	48.91	0	101	75	125			

Sample ID:	0910164-04D MS	Batch ID:	37778		TestNo:		SW6020		Units:		mg/Kg-dry
SampType:	MS	Run ID:	ICP-MS3_091029A		Analysis Date:		10/29/09 09:10 PM		Prep Date:		10/23/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		94.0	1.94	48.47	48.49	93.9	80	120			
Cadmium		40.6	0.291	48.47	0	83.7	80	120			
Lead		47.5	0.291	48.47	4.267	89.2	80	120			
Silver		42.2	0.194	48.47	0	87.1	80	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3_091029A

Sample ID:	0910164-04D MSD	Batch ID:	37778	TestNo:		SW6020		Units:		mg/Kg-dry
SampType:	MSD	Run ID:	ICP-MS3_091029A	Analysis Date:		10/29/09 09:15 PM		Prep Date:		10/23/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit Qual
Barium		93.7	1.90	47.62	48.49	95.0	80	120	0.286	20
Cadmium		39.8	0.286	47.62	0	83.6	80	120	1.89	20
Lead		45.9	0.286	47.62	4.267	87.4	80	120	3.47	20
Silver		40.6	0.190	47.62	0	85.2	80	120	3.97	20

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3_091029A

Sample ID:	ICV1-091029	Batch ID:	R46252		TestNo:		SW6020		Units:		mg/L
SampType:	ICV	Run ID:	ICP-MS3_091029A		Analysis Date:		10/29/09 03:02 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		0.0986	0.0100	0.100	0	98.6	90	110			
Cadmium		0.0968	0.00100	0.100	0	96.8	90	110			
Lead		0.0998	0.00100	0.100	0	99.8	90	110			
Silver		0.0988	0.00200	0.100	0	98.8	90	110			

Sample ID:	CCV3-091029	Batch ID:	R46252		TestNo:		SW6020		Units:		mg/L
SampType:	CCV	Run ID:	ICP-MS3_091029A		Analysis Date:		10/29/09 07:55 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		0.193	0.0100	0.200	0	96.6	90	110			
Cadmium		0.189	0.00100	0.200	0	94.3	90	110			
Lead		0.193	0.00100	0.200	0	96.7	90	110			
Silver		0.190	0.00200	0.200	0	95.2	90	110			

Sample ID:	CCV4-091029	Batch ID:	R46252		TestNo:		SW6020		Units:		mg/L
SampType:	CCV	Run ID:	ICP-MS3_091029A		Analysis Date:		10/29/09 09:21 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		0.190	0.0100	0.200	0	95.1	90	110			
Cadmium		0.186	0.00100	0.200	0	92.8	90	110			
Lead		0.192	0.00100	0.200	0	96.0	90	110			
Silver		0.186	0.00200	0.200	0	93.2	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3_091030A

Sample ID:	MB-37778	Batch ID:	37778		TestNo:		SW6020		Units:		mg/Kg
SampType:	MBLK	Run ID:	ICP-MS3_091030A		Analysis Date:		10/30/09 07:16 PM		Prep Date:		10/23/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Arsenic		ND	1.00								
Chromium		ND	2.00								
Copper		ND	2.00								
Iron		ND	12.5								
Manganese		ND	2.00								
Selenium		ND	0.500								
Zinc		ND	2.50								

Sample ID:	LCS-37778	Batch ID:	37778		TestNo:		SW6020		Units:		mg/Kg
SampType:	LCS	Run ID:	ICP-MS3_091030A		Analysis Date:		10/30/09 07:22 PM		Prep Date:		10/23/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Arsenic		41.2	1.00	50.00	0	82.3	80	120			
Chromium		48.1	2.00	50.00	0	96.1	80	120			
Copper		48.5	2.00	50.00	0	97.0	80	120			
Iron		254	12.5	250.0	0	102	80	120			
Manganese		47.8	2.00	50.00	0	95.5	80	120			
Zinc		43.4	2.50	50.00	0	86.8	80	120			

Sample ID:	LCSD-37778	Batch ID:	37778		TestNo:		SW6020		Units:		mg/Kg
SampType:	LCSD	Run ID:	ICP-MS3_091030A		Analysis Date:		10/30/09 07:28 PM		Prep Date:		10/23/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Arsenic		43.6	1.00	50.00	0	87.3	80	120	5.90	20	
Chromium		50.6	2.00	50.00	0	101	80	120	5.17	20	
Copper		50.7	2.00	50.00	0	101	80	120	4.39	20	
Iron		268	12.5	250.0	0	107	80	120	5.65	20	
Manganese		50.4	2.00	50.00	0	101	80	120	5.50	20	
Selenium		41.9	0.500	50.00	0	83.8	80	120	5.83	20	
Zinc		45.5	2.50	50.00	0	91.0	80	120	4.84	20	

Sample ID:	0910164-04D SD	Batch ID:	37778		TestNo:		SW6020		Units:		mg/Kg-dry
SampType:	SD	Run ID:	ICP-MS3_091030A		Analysis Date:		10/30/09 08:04 PM		Prep Date:		10/23/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Arsenic		2.58	4.89	0	2.341				9.56	10	
Chromium		11.6	9.78	0	10.95				5.56	10	
Copper		3.98	9.78	0	4.125				3.62	10	
Manganese		78.5	9.78	0	74.17				5.72	10	
Selenium		0	2.45	0	0.6109				0	10	
Zinc		18.9	12.2	0	17.60				6.96	10	

Sample ID:	0910164-04D PDS	Batch ID:	37778		TestNo:		SW6020		Units:		mg/Kg-dry
SampType:	PDS	Run ID:	ICP-MS3_091030A		Analysis Date:		10/30/09 08:10 PM		Prep Date:		10/23/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Arsenic		45.6	0.978	48.91	2.341	88.5	75	125			
Chromium		60.0	1.96	48.91	10.95	100	75	125			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3_091030A

Copper		53.5	1.96	48.91	4.125	101	75	125			
Manganese		123	1.96	48.91	74.17	98.9	75	125			
Selenium		39.1	0.489	48.91	0.6109	78.6	75	125			
Zinc		60.5	2.45	48.91	17.60	87.7	75	125			

Sample ID:	0910164-04D MS	Batch ID:	37778	TestNo:		SW6020		Units:		mg/Kg-dry
SampType:	MS	Run ID:	ICP-MS3_091030A	Analysis Date:		10/30/09 08:16 PM		Prep Date:		10/23/09
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Arsenic		41.2	0.969	48.47	2.341	80.3	80	120			
Chromium		55.5	1.94	48.47	10.95	91.8	80	120			
Copper		50.2	1.94	48.47	4.125	95.0	80	120			
Iron		6820	12.1	242.4	6703	49.3	80	120			S
Manganese		113	1.94	48.47	74.17	80.9	80	120			
Selenium		35.7	0.485	48.47	0.6109	72.4	80	120			S
Zinc		56.7	2.42	48.47	17.60	80.6	80	120			

Sample ID:	0910164-04D MSD	Batch ID:	37778	TestNo:		SW6020		Units:		mg/Kg-dry
SampType:	MSD	Run ID:	ICP-MS3_091030A	Analysis Date:		10/30/09 08:22 PM		Prep Date:		10/23/09
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Arsenic		41.0	0.952	47.62	2.341	81.2	80	120	0.544	20	
Chromium		55.5	1.90	47.62	10.95	93.5	80	120	0.049	20	
Copper		49.7	1.90	47.62	4.125	95.7	80	120	1.00	20	
Iron		6740	11.9	238.1	6703	13.9	80	120	1.27	20	S
Manganese		112	1.90	47.62	74.17	80.0	80	120	1.02	20	
Selenium		35.0	0.476	47.62	0.6109	72.2	80	120	1.97	20	S
Zinc		57.2	2.38	47.62	17.60	83.2	80	120	0.972	20	

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3_091030A

Sample ID:	ICV1-091030	Batch ID:	R46285		TestNo:		SW6020		Units:		mg/L
SampType:	ICV	Run ID:	ICP-MS3_091030A		Analysis Date:		10/30/09 05:05 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Arsenic		0.0989	0.00600	0.100	0	98.9	90	110			
Chromium		0.0988	0.00600	0.100	0	98.8	90	110			
Copper		0.0990	0.0100	0.100	0	99.0	90	110			
Iron		2.56	0.150	2.50	0	102	90	110			
Manganese		0.101	0.0100	0.100	0	101	90	110			
Selenium		0.108	0.00600	0.100	0	108	90	110			
Silver		0.102	0.00200	0.100	0	102	90	110			

Sample ID:	CCV1-091030	Batch ID:	R46285		TestNo:		SW6020		Units:		mg/L
SampType:	CCV	Run ID:	ICP-MS3_091030A		Analysis Date:		10/30/09 06:46 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Arsenic		0.191	0.00600	0.200	0	95.6	90	110			
Chromium		0.201	0.00600	0.200	0	100	90	110			
Copper		0.205	0.0100	0.200	0	102	90	110			
Iron		5.00	0.150	5.00	0	100	90	110			
Manganese		0.199	0.0100	0.200	0	99.3	90	110			
Selenium		0.200	0.00600	0.200	0	100	90	110			
Zinc		0.202	0.00500	0.200	0	101	90	110			

Sample ID:	CCV2-091030	Batch ID:	R46285		TestNo:		SW6020		Units:		mg/L
SampType:	CCV	Run ID:	ICP-MS3_091030A		Analysis Date:		10/30/09 08:28 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Arsenic		0.186	0.00600	0.200	0	93.2	90	110			
Chromium		0.194	0.00600	0.200	0	97.0	90	110			
Copper		0.195	0.0100	0.200	0	97.5	90	110			
Iron		4.80	0.150	5.00	0	96.1	90	110			
Manganese		0.193	0.0100	0.200	0	96.6	90	110			
Selenium		0.196	0.00600	0.200	0	98.2	90	110			
Zinc		0.195	0.00500	0.200	0	97.4	90	110			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3_091102A

Sample ID:	MB-37778	Batch ID:	37778		TestNo:		SW6020		Units:		mg/Kg
SampType:	MBLK	Run ID:	ICP-MS3_091102A		Analysis Date:		11/02/09 11:24 AM		Prep Date:		10/23/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Uranium		ND	2.50								N

Sample ID:	LCS-37778	Batch ID:	37778		TestNo:		SW6020		Units:		mg/Kg
SampType:	LCS	Run ID:	ICP-MS3_091102A		Analysis Date:		11/02/09 11:26 AM		Prep Date:		10/23/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Uranium		45.6	2.50	50.00	0	91.2	80	120			N

Sample ID:	LCSD-37778	Batch ID:	37778		TestNo:		SW6020		Units:		mg/Kg
SampType:	LCSD	Run ID:	ICP-MS3_091102A		Analysis Date:		11/02/09 11:27 AM		Prep Date:		10/23/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Uranium		41.2	2.50	50.00	0	82.3	80	120	10.3	20	N

Sample ID:	0910164-04D SD	Batch ID:	37778		TestNo:		SW6020		Units:		mg/Kg-dry
SampType:	SD	Run ID:	ICP-MS3_091102A		Analysis Date:		11/02/09 11:38 AM		Prep Date:		10/23/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Uranium		0	12.2	0	0				0	10	N

Sample ID:	0910164-04D MS	Batch ID:	37778		TestNo:		SW6020		Units:		mg/Kg-dry
SampType:	MS	Run ID:	ICP-MS3_091102A		Analysis Date:		11/02/09 11:41 AM		Prep Date:		10/23/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Uranium		48.5	2.42	48.47	0	100	80	120			N

Sample ID:	0910164-04D MSD	Batch ID:	37778		TestNo:		SW6020		Units:		mg/Kg-dry
SampType:	MSD	Run ID:	ICP-MS3_091102A		Analysis Date:		11/02/09 11:43 AM		Prep Date:		10/23/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Uranium		46.0	2.38	47.62	0	96.7	80	120	5.17	20	N

Sample ID:	0910164-04D PDS	Batch ID:	37778		TestNo:		SW6020		Units:		mg/Kg-dry
SampType:	PDS	Run ID:	ICP-MS3_091102A		Analysis Date:		11/02/09 11:44 AM		Prep Date:		10/23/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Uranium		50.4	2.45	48.91	0	103	75	125			N

Qualifiers:					
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3_091102A

Sample ID:	ICV1-091102	Batch ID:	R46296		TestNo:		SW6020		Units:		mg/L
SampType:	ICV	Run ID:	ICP-MS3_091102A		Analysis Date:		11/02/09 11:21 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Uranium		0.106	0.0100	0.100	0	106	90	110			N

Sample ID:	CCV1-090906	Batch ID:	R46296		TestNo:		SW6020		Units:		mg/L
SampType:	CCV	Run ID:	ICP-MS3_091102A		Analysis Date:		11/02/09 11:46 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Uranium		0.199	0.0100	0.200	0	99.4	90	110			N

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS3_091027C

Sample ID:	LCS-37827	Batch ID:	37827	TestNo:	SW8270C	Units:	mg/Kg
SampType:	LCS	Run ID:	GCMS3_091027C	Analysis Date:	10/27/09 12:57 PM	Prep Date:	10/26/09

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	0.987	0.133	1.340	0	73.6	25	175			
2,4,6-Trichlorophenol	1.04	0.133	1.340	0	77.6	29	138			
2,4-Dichlorophenol	0.947	0.133	1.340	0	70.6	36	135			
2,4-Dimethylphenol	0.893	0.133	1.340	0	66.7	35	149			
2,4-Dinitrophenol	1.16	0.660	1.340	0	86.6	25	161			
2-Chlorophenol	0.927	0.133	1.340	0	69.2	31	135			
2-Methylphenol	0.893	0.133	1.340	0	66.7	25	135			
2-Nitrophenol	1.01	0.133	1.340	0	75.1	34	135			
4,6-Dinitro-2-methylphenol	1.09	0.330	1.340	0	81.1	25	144			
4-Chloro-3-methylphenol	0.900	0.133	1.340	0	67.2	34	135			
4-Methylphenol	0.893	0.133	1.340	0	66.7	25	135			
4-Nitrophenol	0.993	0.660	1.340	0	74.1	25	141			
Pentachlorophenol	0.987	0.133	1.340	0	73.6	38	146			
Phenol	0.880	0.133	1.340	0	65.7	25	135			
Surr: 2,4,6-Tribromophenol	2.49		2.680		93.0	45	138			
Surr: 2-Fluorophenol	2.15		2.680		80.1	37	125			
Surr: Phenol-d6	2.07		2.680		77.4	40	125			

Sample ID:	0910164-04C-MS	Batch ID:	37827	TestNo:	SW8270C	Units:	mg/Kg-dry
SampType:	MS	Run ID:	GCMS3_091027C	Analysis Date:	10/27/09 07:11 PM	Prep Date:	10/26/09

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	1.22	0.140	1.413	0	86.1	25	175			
2,4,6-Trichlorophenol	1.20	0.140	1.413	0	85.1	29	138			
2,4-Dichlorophenol	1.05	0.140	1.413	0	74.6	36	135			
2,4-Dimethylphenol	1.06	0.140	1.413	0	75.1	35	149			
2,4-Dinitrophenol	0.970	0.696	1.413	0	68.7	25	161			
2-Chlorophenol	0.956	0.140	1.413	0	67.7	31	135			
2-Methylphenol	0.893	0.140	1.413	0	63.2	25	135			
2-Nitrophenol	1.09	0.140	1.413	0	77.1	34	135			
4,6-Dinitro-2-methylphenol	0.900	0.348	1.413	0	63.7	25	144			
4-Chloro-3-methylphenol	1.13	0.140	1.413	0	80.1	34	135			
4-Methylphenol	0.914	0.140	1.413	0	64.7	25	135			
4-Nitrophenol	1.42	0.696	1.413	0	100	25	141			
Pentachlorophenol	1.18	0.140	1.413	0	83.6	38	146			
Phenol	0.893	0.140	1.413	0	63.2	25	135			
Surr: 2,4,6-Tribromophenol	2.75		2.825		97.3	45	138			
Surr: 2-Fluorophenol	2.19		2.825		77.6	37	125			
Surr: Phenol-d6	2.08		2.825		73.6	40	125			

Sample ID:	0910164-04C-MSD	Batch ID:	37827	TestNo:	SW8270C	Units:	mg/Kg-dry
SampType:	MSD	Run ID:	GCMS3_091027C	Analysis Date:	10/27/09 07:35 PM	Prep Date:	10/26/09

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	1.13	0.143	1.436	0	78.6	25	175	7.43	30	
2,4,6-Trichlorophenol	1.15	0.143	1.436	0	80.1	29	138	4.39	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS3_091027C

2,4-Dichlorophenol	0.986	0.143	1.436	0	68.7	36	135	6.70	30
2,4-Dimethylphenol	1.00	0.143	1.436	0	69.7	35	149	5.93	30
2,4-Dinitrophenol	0.743	0.707	1.436	0	51.7	25	161	26.5	30
2-Chlorophenol	0.929	0.143	1.436	0	64.7	31	135	2.88	30
2-Methylphenol	0.886	0.143	1.436	0	61.7	25	135	0.759	30
2-Nitrophenol	1.02	0.143	1.436	0	71.1	34	135	6.42	30
4,6-Dinitro-2-methylphenol	0.771	0.354	1.436	0	53.7	25	144	15.3	30
4-Chloro-3-methylphenol	0.979	0.143	1.436	0	68.2	34	135	14.5	30
4-Methylphenol	0.900	0.143	1.436	0	62.7	25	135	1.49	30
4-Nitrophenol	1.27	0.707	1.436	0	88.6	25	141	11.0	30
Pentachlorophenol	1.09	0.143	1.436	0	76.1	38	146	7.72	30
Phenol	0.864	0.143	1.436	0	60.2	25	135	3.21	30
Surr: 2,4,6-Tribromophenol	2.52		2.872		87.8	45	138	0	0
Surr: 2-Fluorophenol	1.99		2.872		69.2	37	125	0	0
Surr: Phenol-d6	1.95		2.872		67.9	40	125	0	0

Sample ID: MB-37827 Batch ID: 37827 TestNo: SW8270C Units: mg/Kg
SampType: MBLK Run ID: GCMS3_091027C Analysis Date: 10/27/09 08:22 PM Prep Date: 10/26/09

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	ND	0.133								
2,4,6-Trichlorophenol	ND	0.133								
2,4-Dichlorophenol	ND	0.133								
2,4-Dimethylphenol	ND	0.133								
2,4-Dinitrophenol	ND	0.660								
2-Chlorophenol	ND	0.133								
2-Methylphenol	ND	0.133								
2-Nitrophenol	ND	0.133								
4,6-Dinitro-2-methylphenol	ND	0.330								
4-Chloro-3-methylphenol	ND	0.133								
4-Methylphenol	ND	0.133								
4-Nitrophenol	ND	0.660								
Pentachlorophenol	ND	0.133								
Phenol	ND	0.133								
Surr: 2,4,6-Tribromophenol	2.61		2.680		97.3	45	138			
Surr: 2-Fluorophenol	2.11		2.680		78.6	37	125			
Surr: Phenol-d6	1.96		2.680		73.1	40	125			

Sample ID: SYS BLANK-091028 Batch ID: 37827 TestNo: SW8270C Units: mg/Kg
SampType: MBLK Run ID: GCMS3_091027C Analysis Date: 10/28/09 08:08 PM Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	ND	0.133								
2,4,6-Trichlorophenol	ND	0.133								
2,4-Dichlorophenol	ND	0.133								
2,4-Dimethylphenol	ND	0.133								
2,4-Dinitrophenol	ND	0.660								
2-Chlorophenol	ND	0.133								
2-Methylphenol	ND	0.133								

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS3_091027C

2-Nitrophenol	ND	0.133
4,6-Dinitro-2-methylphenol	ND	0.330
4-Chloro-3-methylphenol	ND	0.133
4-Methylphenol	ND	0.133
4-Nitrophenol	ND	0.660
Pentachlorophenol	ND	0.133
Phenol	ND	0.133

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS3_091027C

Sample ID:	ICV-091027	Batch ID:	R46289	TestNo:		SW8270C		Units:		mg/Kg
SampType:	ICV	Run ID:	GCMS3_091027C	Analysis Date:		10/27/09 11:48 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol		4.08	0.133	4.000	0	102	70	130			
2,4,6-Trichlorophenol		4.02	0.133	4.000	0	101	80	120			
2,4-Dichlorophenol		3.57	0.133	4.000	0	89.2	80	120			
2,4-Dimethylphenol		3.35	0.133	4.000	0	83.8	70	130			
2,4-Dinitrophenol		4.25	0.660	4.000	0	106	70	130			
2-Chlorophenol		3.55	0.133	4.000	0	88.8	70	130			
2-Methylphenol		3.27	0.133	4.000	0	81.8	70	130			
2-Nitrophenol		3.78	0.133	4.000	0	94.5	80	120			
4,6-Dinitro-2-methylphenol		4.21	0.330	4.000	0	105	70	130			
4-Chloro-3-methylphenol		3.75	0.133	4.000	0	93.8	70	130			
4-Methylphenol		3.27	0.133	4.000	0	81.8	70	130			
4-Nitrophenol		3.91	0.660	4.000	0	97.8	70	130			
Pentachlorophenol		3.79	0.133	4.000	0	94.8	80	120			
Phenol		3.23	0.133	4.000	0	80.8	80	120			
Surr: 2,4,6-Tribromophenol		3.94		4.000		98.5	80	120			
Surr: 2-Fluorophenol		3.51		4.000		87.8	80	120			
Surr: Phenol-d6		3.29		4.000		82.2	80	120			

Sample ID:	ICV-091028	Batch ID:	R46289	TestNo:		SW8270C		Units:		mg/Kg
SampType:	ICV	Run ID:	GCMS3_091027C	Analysis Date:		10/28/09 03:59 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol		4.49	0.133	4.000	0	112	70	130			
2,4,6-Trichlorophenol		4.34	0.133	4.000	0	108	80	120			
2,4-Dichlorophenol		4.04	0.133	4.000	0	101	80	120			
2,4-Dimethylphenol		3.65	0.133	4.000	0	91.2	70	130			
2,4-Dinitrophenol		4.49	0.660	4.000	0	112	70	130			
2-Chlorophenol		4.27	0.133	4.000	0	107	70	130			
2-Methylphenol		4.08	0.133	4.000	0	102	70	130			
2-Nitrophenol		4.21	0.133	4.000	0	105	80	120			
4,6-Dinitro-2-methylphenol		4.60	0.330	4.000	0	115	70	130			
4-Chloro-3-methylphenol		4.24	0.133	4.000	0	106	70	130			
4-Methylphenol		4.09	0.133	4.000	0	102	70	130			
4-Nitrophenol		4.36	0.660	4.000	0	109	70	130			
Pentachlorophenol		4.28	0.133	4.000	0	107	80	120			
Phenol		3.92	0.133	4.000	0	98.0	80	120			
Surr: 2,4,6-Tribromophenol		4.31		4.000		108	80	120			
Surr: 2-Fluorophenol		4.06		4.000		102	80	120			
Surr: Phenol-d6		4.01		4.000		100	80	120			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS8_091028B

Sample ID:	LCS-37798	Batch ID:	37798	TestNo:		SW8270C		Units:		mg/Kg
SampType:	LCS	Run ID:	GCMS8_091028B	Analysis Date:		10/28/09 04:43 PM		Prep Date:		10/23/09
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1-Methylnaphthalene	0.708	0.0500	1.000	0	70.8	40	140			N
2-Methylnaphthalene	0.711	0.0500	1.000	0	71.1	47	128			
Benzo[a]pyrene	0.805	0.0500	1.000	0	80.5	48	115			
Naphthalene	0.658	0.0500	1.000	0	65.8	55	113			
Surr: 2-Fluorobiphenyl	4.06		4.000		102	40	140			
Surr: 4-Terphenyl-d14	4.08		4.000		102	40	140			

Sample ID:	MB-37798	Batch ID:	37798	TestNo:		SW8270C		Units:		mg/Kg
SampType:	MBLK	Run ID:	GCMS8_091028B	Analysis Date:		10/28/09 06:55 PM		Prep Date:		10/23/09
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1-Methylnaphthalene	ND	0.0500								N
2-Methylnaphthalene	ND	0.0500								
Benzo[a]pyrene	ND	0.0500								
Naphthalene	ND	0.0500								
Surr: 2-Fluorobiphenyl	3.98		4.000		99.4	40	140			
Surr: 4-Terphenyl-d14	4.06		4.000		102	40	140			

Sample ID:	0910164-01C-MS	Batch ID:	37798	TestNo:		SW8270C		Units:		mg/Kg-dry
SampType:	MS	Run ID:	GCMS8_091028B	Analysis Date:		10/28/09 10:13 PM		Prep Date:		10/23/09
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1-Methylnaphthalene	0.893	0.0525	1.050	0	85.1	40	140			N
Benzo[a]pyrene	0.929	0.0525	1.050	0	88.5	48	115			
Surr: 4-Terphenyl-d14	3.80		4.199		90.5	40	140			

Sample ID:	0910164-01C-MSD	Batch ID:	37798	TestNo:		SW8270C		Units:		mg/Kg-dry
SampType:	MSD	Run ID:	GCMS8_091028B	Analysis Date:		10/28/09 10:45 PM		Prep Date:		10/23/09
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1-Methylnaphthalene	0.612	0.0511	1.022	0	59.9	40	140	37.3	25	RN
Benzo[a]pyrene	0.694	0.0511	1.022	0	67.9	48	115	28.9	25	R
Surr: 4-Terphenyl-d14	3.40		4.089		83.1	40	140	0	25	

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS8_091028B

Sample ID:	ICV-091028	**Batch ID:**	R46246	**TestNo:**	SW8270C			**Units:**	mg/Kg	
SampType:	ICV	**Run ID:**	GCMS8_091028B	**Analysis Date:**	10/28/09 03:03 PM			**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
1-Methylnaphthalene		1.61	0.0500	2.000	0	80.3	80	120			N
2-Methylnaphthalene		1.64	0.0500	2.000	0	82.2	80	120			
Benzo[a]pyrene		1.86	0.0500	2.000	0	93.1	80	120			
Naphthalene		1.70	0.0500	2.000	0	85.1	80	120			
Surr: 2-Fluorobiphenyl		1.73		2.000		86.4	40	140			
Surr: 4-Terphenyl-d14		1.87		2.000		93.7	40	140			

Qualifiers:	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_091022B

Sample ID:	LCS-37782	Batch ID:	37782	TestNo:	SW8260B	Units:	mg/Kg
SampType:	LCS	Run ID:	GCMS2_091022B	Analysis Date:	10/22/09 11:32 AM	Prep Date:	10/22/09

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0240	0.00500	0.0232	0	104	68	130			
1,1,2,2-Tetrachloroethane	0.0240	0.00500	0.0232	0	104	59	140			
1,1,2-Trichloroethane	0.0247	0.00500	0.0232	0	106	62	127			
1,1-Dichloroethane	0.0240	0.00500	0.0232	0	103	73	125			
1,1-Dichloroethene	0.0242	0.00500	0.0232	0	104	65	136			
1,2-Dichloroethane	0.0244	0.00500	0.0232	0	105	72	137			
Carbon tetrachloride	0.0235	0.00500	0.0232	0	101	67	133			
Chloroform	0.0244	0.00500	0.0232	0	105	72	124			
Ethylene dibromide	0.0233	0.00500	0.0232	0	100	70	124			
Methylene chloride	0.0245	0.00500	0.0232	0	106	63	137			
Tetrachloroethene	0.0236	0.00500	0.0232	0	102	67	139			
Trichloroethene	0.0250	0.00500	0.0232	0	108	77	124			
Vinyl chloride	0.0230	0.00500	0.0232	0	99.2	58	126			
Surr: 1,2-Dichloroethane-d4	52.7		50.00		105	78	125			
Surr: 4-Bromofluorobenzene	48.4		50.00		96.7	82	125			
Surr: Dibromofluoromethane	50.6		50.00		101	84	116			
Surr: Toluene-d8	47.7		50.00		95.4	84	118			

Sample ID:	MB-37782	Batch ID:	37782	TestNo:	SW8260B	Units:	mg/Kg
SampType:	MBLK	Run ID:	GCMS2_091022B	Analysis Date:	10/22/09 01:12 PM	Prep Date:	10/22/09

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	0.00500								
1,1,2,2-Tetrachloroethane	ND	0.00500								
1,1,2-Trichloroethane	ND	0.00500								
1,1-Dichloroethane	ND	0.00500								
1,1-Dichloroethene	ND	0.00500								
1,2-Dichloroethane	ND	0.00500								
Carbon tetrachloride	ND	0.00500								
Chloroform	ND	0.00500								
Ethylene dibromide	ND	0.00500								
Methylene chloride	ND	0.00500								
Tetrachloroethene	ND	0.00500								
Trichloroethene	ND	0.00500								
Vinyl chloride	ND	0.00500								
Surr: 1,2-Dichloroethane-d4	48.3		50.00		96.5	78	125			
Surr: 4-Bromofluorobenzene	49.7		50.00		99.5	82	125			
Surr: Dibromofluoromethane	49.6		50.00		99.2	84	116			
Surr: Toluene-d8	47.7		50.00		95.4	84	118			

Sample ID:	0910164-01AMS	Batch ID:	37782	TestNo:	SW8260B	Units:	mg/Kg-dry
SampType:	MS	Run ID:	GCMS2_091022B	Analysis Date:	10/22/09 05:22 PM	Prep Date:	10/22/09

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0200	0.00481	0.0223	0	89.5	70	130			
1,1,2,2-Tetrachloroethane	0.0186	0.00481	0.0223	0	83.3	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_091022B

1,1,2-Trichloroethane	0.0188	0.00481	0.0223	0	84.1	70	130
1,1-Dichloroethane	0.0212	0.00481	0.0223	0	95.0	70	130
1,1-Dichloroethene	0.0211	0.00481	0.0223	0	94.4	65	136
1,2-Dichloroethane	0.0198	0.00481	0.0223	0	88.9	70	130
Carbon tetrachloride	0.0184	0.00481	0.0223	0	82.4	70	130
Chloroform	0.0207	0.00481	0.0223	0	92.8	70	130
Ethylene dibromide	0.0179	0.00481	0.0223	0	80.2	70	130
Methylene chloride	0.0214	0.00481	0.0223	0	95.9	70	130
Tetrachloroethene	0.0159	0.00481	0.0223	0	71.4	70	130
Trichloroethene	0.0203	0.00481	0.0223	0	90.7	77	124
Vinyl chloride	0.0214	0.00481	0.0223	0	96.0	70	130
Surr: 1,2-Dichloroethane-d4	48.0		48.13		99.7	78	125
Surr: 4-Bromofluorobenzene	50.6		48.13		105	82	125
Surr: Dibromofluoromethane	47.4		48.13		98.5	84	116
Surr: Toluene-d8	47.3		48.13		98.3	84	118

Sample ID:	0910164-01AMSD	Batch ID:	37782	TestNo:		SW8260B		Units:		mg/Kg-dry	
SampType:	MSD	Run ID:	GCMS2_091022B	Analysis Date:		10/22/09 06:27 PM		Prep Date:		10/22/09	
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0189	0.00466	0.0216	0	87.5	70	130	5.52	0	
1,1,2,2-Tetrachloroethane		0.0169	0.00466	0.0216	0	78.0	70	130	9.80	0	
1,1,2-Trichloroethane		0.0181	0.00466	0.0216	0	83.6	70	130	3.80	0	
1,1-Dichloroethane		0.0203	0.00466	0.0216	0	93.9	70	130	4.42	0	
1,1-Dichloroethene		0.0199	0.00466	0.0216	0	91.9	65	136	5.96	30	
1,2-Dichloroethane		0.0193	0.00466	0.0216	0	89.4	70	130	2.70	0	
Carbon tetrachloride		0.0169	0.00466	0.0216	0	77.9	70	130	8.82	0	
Chloroform		0.0199	0.00466	0.0216	0	92.2	70	130	3.84	0	
Ethylene dibromide		0.0173	0.00466	0.0216	0	80.1	70	130	3.34	0	
Methylene chloride		0.0205	0.00466	0.0216	0	95.0	70	130	4.22	0	
Tetrachloroethene		0.0135	0.00466	0.0216	0	62.4	70	130	16.7	0	S
Trichloroethene		0.0194	0.00466	0.0216	0	89.9	77	124	4.09	30	
Vinyl chloride		0.0209	0.00466	0.0216	0	96.8	70	130	2.47	0	
Surr: 1,2-Dichloroethane-d4		46.3		46.60		99.5	78	125	0	0	
Surr: 4-Bromofluorobenzene		47.6		46.60		102	82	125	0	0	
Surr: Dibromofluoromethane		46.2		46.60		99.1	84	116	0	0	
Surr: Toluene-d8		45.7		46.60		98.1	84	118	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_091022B

Sample ID:	ICV-091022	Batch ID:	R46119	TestNo:		SW8260B		Units:	mg/Kg	
SampType:	ICV	Run ID:	GCMS2_091022B	Analysis Date:		10/22/09 10:58 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0490	0.00500	0.0464	0	106	70	130			
1,1,2,2-Tetrachloroethane		0.0468	0.00500	0.0464	0	101	70	130			
1,1,2-Trichloroethane		0.0473	0.00500	0.0464	0	102	70	130			
1,1-Dichloroethane		0.0484	0.00500	0.0464	0	104	70	130			
1,1-Dichloroethene		0.0488	0.00500	0.0464	0	105	80	120			
1,2-Dichloroethane		0.0473	0.00500	0.0464	0	102	70	130			
Carbon tetrachloride		0.0491	0.00500	0.0464	0	106	70	130			
Chloroform		0.0489	0.00500	0.0464	0	105	80	120			
Ethylene dibromide		0.0469	0.00500	0.0464	0	101	70	130			
Methylene chloride		0.0498	0.00500	0.0464	0	107	70	130			
Tetrachloroethene		0.0492	0.00500	0.0464	0	106	70	130			
Trichloroethene		0.0509	0.00500	0.0464	0	110	70	130			
Vinyl chloride		0.0473	0.00500	0.0464	0	102	80	120			
Surr: 1,2-Dichloroethane-d4		48.6		50.00		97.3	78	125			
Surr: 4-Bromofluorobenzene		49.3		50.00		98.6	82	125			
Surr: Dibromofluoromethane		49.5		50.00		98.9	84	116			
Surr: Toluene-d8		48.6		50.00		97.3	84	118			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_091026A

Sample ID:	LCS-37801	Batch ID:	37801		TestNo:		E300		Units:		mg/Kg
SampType:	LCS	Run ID:	IC2_091026A		Analysis Date:		10/26/09 09:28 AM		Prep Date:		10/23/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		44.0	5.00	50.00	0	87.9	80	120			
Fluoride		18.4	1.00	20.00	0	91.8	80	120			
Nitrate-N		22.3	5.00	25.00	0	89.3	80	120			
Sulfate		132	10.0	150.0	0	87.9	80	120			

Sample ID:	LCSD-37801	Batch ID:	37801		TestNo:		E300		Units:		mg/Kg
SampType:	LCSD	Run ID:	IC2_091026A		Analysis Date:		10/26/09 09:39 AM		Prep Date:		10/23/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		44.9	5.00	50.00	0	89.8	80	120	2.10	20	
Fluoride		18.7	1.00	20.00	0	93.6	80	120	1.97	20	
Nitrate-N		22.7	5.00	25.00	0	90.7	80	120	1.63	20	
Sulfate		133	10.0	150.0	0	88.8	80	120	1.05	20	

Sample ID:	MB-37801	Batch ID:	37801		TestNo:		E300		Units:		mg/Kg
SampType:	MBLK	Run ID:	IC2_091026A		Analysis Date:		10/26/09 10:01 AM		Prep Date:		10/23/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		ND	5.00								
Fluoride		ND	1.00								
Nitrate-N		ND	5.00								
Sulfate		ND	10.0								

Sample ID:	0910164-01B MS	Batch ID:	37801		TestNo:		E300		Units:		mg/Kg-dry
SampType:	MS	Run ID:	IC2_091026A		Analysis Date:		10/26/09 12:04 PM		Prep Date:		10/23/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		78.5	5.24	52.44	29.23	93.9	80	120			
Fluoride		20.6	1.05	20.97	1.760	90.0	80	120			
Nitrate-N		35.5	5.24	26.22	11.06	93.0	80	120			
Sulfate		276	10.5	157.3	122.8	97.2	80	120			

Sample ID:	0910164-01B MSD	Batch ID:	37801		TestNo:		E300		Units:		mg/Kg-dry
SampType:	MSD	Run ID:	IC2_091026A		Analysis Date:		10/26/09 12:15 PM		Prep Date:		10/23/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		78.7	5.24	52.44	29.23	94.3	80	120	0.272	20	
Fluoride		20.8	1.05	20.97	1.760	91.0	80	120	0.971	20	
Nitrate-N		35.6	5.24	26.22	11.06	93.4	80	120	0.270	20	
Sulfate		276	10.5	157.3	122.8	97.2	80	120	0.024	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_091026A

Sample ID:	ICV-091026	Batch ID:	R46149		TestNo:		E300		Units:		mg/Kg
SampType:	ICV	Run ID:	IC2_091026A		Analysis Date:		10/26/09 09:11 AM		Prep Date:		10/26/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		23.3	5.00	25.00	0	93.2	90	110			
Fluoride		9.53	1.00	10.00	0	95.3	90	110			
Nitrate-N		11.6	5.00	12.50	0	93.0	90	110			
Sulfate		70.0	10.0	75.00	0	93.4	90	110			

Sample ID:	CCV1-091026	Batch ID:	R46149		TestNo:		E300		Units:		mg/Kg
SampType:	CCV	Run ID:	IC2_091026A		Analysis Date:		10/26/09 11:23 AM		Prep Date:		10/26/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		9.76	5.00	10.00	0	97.6	90	110			
Fluoride		3.98	1.00	4.000	0	99.6	90	110			
Nitrate-N		4.93	5.00	5.000	0	98.6	90	110			
Sulfate		29.2	10.0	30.00	0	97.2	90	110			

Sample ID:	CCV2-091026	Batch ID:	R46149		TestNo:		E300		Units:		mg/Kg
SampType:	CCV	Run ID:	IC2_091026A		Analysis Date:		10/26/09 12:26 PM		Prep Date:		10/26/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		9.82	5.00	10.00	0	98.2	90	110			
Fluoride		3.96	1.00	4.000	0	98.9	90	110			
Nitrate-N		4.95	5.00	5.000	0	99.1	90	110			
Sulfate		29.3	10.0	30.00	0	97.5	90	110			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: IR207_091026A

Sample ID:	LCS-37829	**Batch ID:**	37829		**TestNo:**		E418.1		**Units:**		mg/Kg
SampType:	LCS	**Run ID:**	IR207_091026A		**Analysis Date:**		10/26/09 01:30 PM		**Prep Date:**		10/26/09
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Petroleum Hydrocarbons, TR		92.5	10.0	100.0	0	92.5	80	120			N
Sample ID:	LCSD-37829	**Batch ID:**	37829		**TestNo:**		E418.1		**Units:**		mg/Kg
SampType:	LCSD	**Run ID:**	IR207_091026A		**Analysis Date:**		10/26/09 01:30 PM		**Prep Date:**		10/26/09
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Petroleum Hydrocarbons, TR		91.2	10.0	100.0	0	91.2	80	120	1.36	20	N
Sample ID:	MB-37829	**Batch ID:**	37829		**TestNo:**		E418.1		**Units:**		mg/Kg
SampType:	MBLK	**Run ID:**	IR207_091026A		**Analysis Date:**		10/26/09 01:30 PM		**Prep Date:**		10/26/09
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Petroleum Hydrocarbons, TR		ND	10.0								N
Sample ID:	0910164-03B MS	**Batch ID:**	37829		**TestNo:**		E418.1		**Units:**		mg/Kg-dry
SampType:	MS	**Run ID:**	IR207_091026A		**Analysis Date:**		10/26/09 01:30 PM		**Prep Date:**		10/26/09
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Petroleum Hydrocarbons, TR		164	10.8	107.9	62.50	94.5	80	120			N
Sample ID:	0910164-03B MSD	**Batch ID:**	37829		**TestNo:**		E418.1		**Units:**		mg/Kg-dry
SampType:	MSD	**Run ID:**	IR207_091026A		**Analysis Date:**		10/26/09 01:30 PM		**Prep Date:**		10/26/09
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Petroleum Hydrocarbons, TR		179	10.8	108.2	62.50	108	80	120	8.55	20	N

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: IR207_091026A

Sample ID:	ICV-091026	Batch ID:	418_S-10/26/09	TestNo:	E418.1	Units:	mg/Kg
SampType:	ICV	Run ID:	IR207_091026A	Analysis Date:	10/26/09 01:30 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Petroleum Hydrocarbons, TR	257	10.0	250.0	0	103	90	110			N

Sample ID:	CCV-091026	Batch ID:	418_S-10/26/09	TestNo:	E418.1	Units:	mg/Kg
SampType:	CCV	Run ID:	IR207_091026A	Analysis Date:	10/26/09 01:30 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Petroleum Hydrocarbons, TR	262	10.0	250.0	0	105	85	115			N

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: PMOIST_091022A

Sample ID:	0910164-04D-DUP	Batch ID:	37786	TestNo:	D2216		Units:	WT%		
SampType:	DUP	Run ID:	PMOIST_091022A	Analysis Date:	10/23/09 11:15 AM		Prep Date:	10/22/09		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Percent Moisture		7.35	0	0	7.898				7.15	30	

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: UV/VIS_2_091029A

Sample ID:	MB-37897	Batch ID:	37897		TestNo:		SW9014		Units:		mg/Kg
SampType:	MBLK	Run ID:	UV/VIS_2_091029A		Analysis Date:		10/29/09 04:02 PM		Prep Date:		10/29/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Cyanide, Total		ND	0.500								

Sample ID:	LCS-37897	Batch ID:	37897		TestNo:		SW9014		Units:		mg/Kg
SampType:	LCS	Run ID:	UV/VIS_2_091029A		Analysis Date:		10/29/09 04:02 PM		Prep Date:		10/29/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Cyanide, Total		5.56	0.500	5.000	0	111	85	115			

Sample ID:	0910164-01B-MS	Batch ID:	37897		TestNo:		SW9014		Units:		mg/Kg-dry
SampType:	MS	Run ID:	UV/VIS_2_091029A		Analysis Date:		10/29/09 04:06 PM		Prep Date:		10/29/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Cyanide, Total		5.84	0.505	5.048	0	116	75	125			

Sample ID:	0910164-01B-MSD	Batch ID:	37897		TestNo:		SW9014		Units:		mg/Kg-dry
SampType:	MSD	Run ID:	UV/VIS_2_091029A		Analysis Date:		10/29/09 04:06 PM		Prep Date:		10/29/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Cyanide, Total		6.10	0.522	5.223	0	117	75	125	4.35	30	

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Larson & Associates
Work Order: 0910164
Project: Eunice Landfarm

ANALYTICAL QC SUMMARY REPORT

RunID: UV/VIS_2_091029A

Sample ID:	ICV-091029	Batch ID:	R46243		TestNo:		SW9014		Units:		mg/Kg
SampType:	ICV	Run ID:	UV/VIS_2_091029A		Analysis Date:		10/29/09 03:41 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Cyanide, Total		0.115	0.500	0.1000	0	115	85	115			

Sample ID:	CCV1-091029	Batch ID:	R46243		TestNo:		SW9014		Units:		mg/Kg
SampType:	CCV	Run ID:	UV/VIS_2_091029A		Analysis Date:		10/29/09 04:20 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Cyanide, Total		0.205	0.500	0.2000	0	102	85	115			

Sample ID:	CCV2-091029	Batch ID:	R46243		TestNo:		SW9014		Units:		mg/Kg
SampType:	CCV	Run ID:	UV/VIS_2_091029A		Analysis Date:		10/29/09 04:21 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Cyanide, Total		0.205	0.500	0.2000	0	102	85	115			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

XENCO Laboratories

Larson & Associates
Attn: Michelle Green
507 N. Marienfeld, Ste. 200
Midland, TX 79701
Phone: 432-687-0901

Sample Type: Soil
Sample Condition: Intact/ 23.6 deg C
Lab ID#: 349318-001
Project Name: Eunice Landfarm
Project # : 6-0108
Project Location: None Given

Sample Date: 10/21/09
Sample Time: 13:17
Receiving Date: 10/21/2009
Analysis Date: 10/23/2009
Analysis Time: 11:03
Field Code: Cell 1 A (0-1')

Analysis Description	Analysis Results pCi/gm	Analysis Error +/- 2s	Analysis Results Bq/gm	Analysis Error +/- 2s	Analysis Test Method	Analysis Technician
Ra-226	<1.17	N/A	<0.04	N/A	EPA 901.1M	BB
Ra-228	<0.34	N/A	<0.01	N/A	EPA 901.1M	BB
Pb-210	<1.56	N/A	<0.06	N/A	EPA 901.1M	BB
Th-228	<12.46	N/A	<0.46	N/A	EPA 901.1M	BB
Total Activity	5.50	N/A	0.20	N/A	EPA 901.1M	BB

Notes:

Quality Assurance Review

XENCO Laboratories

Larson & Associates
Attn: Michelle Green
507 N. Marienfeld, Ste. 200
Midland, TX 79701
Phone: 432-687-0901

Sample Type: Soil
Sample Condition: Intact/ 23.6 deg C
Lab ID#: 349318-002
Project Name: Eunice Landfarm
Project # : 6-0108
Project Location: None Given

Sample Date: 10/21/09
Sample Time: 13:00
Receiving Date: 10/21/2009
Analysis Date: 10/23/2009
Analysis Time: 12:34
Field Code: Cell 1 B (0-1')

Analysis Description	Analysis Results pCi/gm	Analysis Error +/- 2s	Analysis Results Bq/gm	Analysis Error +/- 2s	Analysis Test Method	Analysis Technician
Ra-226	<1.21	N/A	<0.04	N/A	EPA 901.1M	BB
Ra-228	<0.47	N/A	<0.02	N/A	EPA 901.1M	BB
Pb-210	<1.63	N/A	<0.06	N/A	EPA 901.1M	BB
Th-228	<14.27	N/A	<0.53	N/A	EPA 901.1M	BB
Total Activity	5.20	N/A	0.19	N/A	EPA 901.1M	BB

Notes:

Quality Assurance Review

Larson & Associates
Attn: Michelle Green
507 N. Marienfeld, Ste. 200
Midland, TX 79701
Phone: 432-687-0901

Sample Type: Soil
Sample Condition: Intact/ 23.6 deg C
Lab ID#: 349318-003
Project Name: Eunice Landfarm
Project # : 6-0108
Project Location: None Given

Sample Date: 10/21/09
Sample Time: 13:31
Receiving Date: 10/21/2009
Analysis Date: 10/23/2009
Analysis Time: 13:04
Field Code: Cell 1 C (0-1')

Analysis Description	Analysis Results pCi/gm	Analysis Error +/- 2s	Analysis Results Bq/gm	Analysis Error +/- 2s	Analysis Test Method	Analysis Technician
Ra-226	<1.09	N/A	<0.04	N/A	EPA 901.1M	BB
Ra-228	<0.46	N/A	<0.02	N/A	EPA 901.1M	BB
Pb-210	<1.48	N/A	<0.05	N/A	EPA 901.1M	BB
Th-228	<10.39	N/A	<0.38	N/A	EPA 901.1M	BB
Total Activity	NSLF	N/A	NSLF	N/A	EPA 901.1M	BB

Notes:

NSLF=No Spectral Lines Found

Quality Assurance Review

Larson & Associates
Attn: Michelle Green
507 N. Marienfeld, Ste. 200
Midland, TX 79701
Phone: 432-687-0901

Sample Type: Soil
Sample Condition: Intact/ 23.6 deg C
Lab ID#: 349318-004
Project Name: Eunice Landfarm
Project # : 6-0108
Project Location: None Given

Sample Date: 10/21/09
Sample Time: 13:42
Receiving Date: 10/21/2009
Analysis Date: 10/23/2009
Analysis Time: 13:27
Field Code: Cell 1 C-1 (0-1')

Analysis Description	Analysis Results pCi/gm	Analysis Error +/- 2s	Analysis Results Bq/gm	Analysis Error +/- 2s	Analysis Test Method	Analysis Technician
Ra-226	<1.13	N/A	<0.04	N/A	EPA 901.1M	BB
Ra-228	<0.49	N/A	<0.02	N/A	EPA 901.1M	BB
Pb-210	<1.59	N/A	<0.06	N/A	EPA 901.1M	BB
Th-228	<13.94	N/A	<0.52	N/A	EPA 901.1M	BB
Total Activity	NSLF	N/A	NSLF	N/A	EPA 901.1M	BB

Notes:

NSLF=No Spectral Lines Found

Quality Assurance Review

Notes:

Comments:

1. Soil and Sludge analysis results are reported on a wet basis or as received basis unless otherwise indicated.
2. The data in this report are within the limits of uncertainty specified in the reference method unless otherwise specified.
3. Modified analysis procedures are procedures that are modified to meet certain specifications. An example would be the use of a water method to analyze a solid matrix due to the lack of an officially recognized procedure for the analysis of the solid matrix.
4. Derived Air Concentrations and Effluent Release Concentrations are obtained from 10 CFR 20 Appendix B.
5. Total activity is actually total gamma activity and is determined utilizing the prominent gamma emitters from the naturally occurring decay chains and other prominent radioactive isotopes. Total activity may be lower than actual total activity due to the extent of secular equilibrium achieved in the various decay chains at the time of analysis. The total activity is not representative of isotopes that emit solely alpha or beta radiation.
6. Ra-228 is determined via secular equilibrium with its daughter, Actinium 228. (Gamma Spectroscopy only)
7. U-238 is determined via secular equilibrium with its daughter, Thorium 234. (Gamma Spectroscopy only).
8. All Gamma Spectroscopy was performed using high purity germanium detectors (HPGE).

Method References:

1. EPA 600/4-80-032, Prescribed Procedures for the Measurement of Radioactivity in Drinking Water, August 1980.
2. Standard Methods for the Examination of Water and Waste Water, 18th, 1992.
3. EPA SW-846, Test Methods for Evaluating Solid Waste, Third Edition, (9/86). (Updated through 1995)
4. EPA 600/4/79-020, Methods for Chemical Analysis of Water and Waste, March 1983.
5. HASL 300

Definitions:

1.	BDL	Analyte not detected because the value was below the detection limit.
2.	ND	Not detected above the detection limit.
3.	Detection Limit	The minimum amount of the analyte that can be detected utilizing the specific analysis.
4.	B	Method Blank
5.	D	Method Duplicate
6.	MS	Matrix Spike
7.	S	Spike
8.	RS	Reference Spike
9.	SC	Subcontracted to qualified laboratory
10.	NR	Not Referenced
11.	N/A	Not applicable
12.	MDA	Minimum detectable activity

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

Data Reported to: Michelle Green

DATE: 10-21-09 PAGE 1 OF 1
PO #: _____ LAB WORK ORDER #: _____
PROJECT LOCATION OR NAME: Eunice Land farm
LAI PROJECT #: 6-0108 COLLECTOR: DM

TRRP report? ☐ Yes ☒ No
TIME ZONE: Time zone/State:

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

349318

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	ANALYSES: BTEX ☐ MTBE ☐	TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☐	DIESEL - MOD 8015 ☐	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDE ☐ ANIONS ☐ ALKALINITY ☐	Radioactivity	FIELD NOTES
Cell 1A (0-1')	-01	10-21	1317	S	1																							X		
Cell 1B (0-1')	-02	↓	1300	S	1																							X		
Cell 1C (0-1')	-03		1331	S	1																							X		
Cell 1C-1 (0-1')	-04		1342	S	1																							X		
TOTAL																														

RELINQUISHED BY:(Signature) Michelle DATE/TIME 10-21-09/1650 RECEIVED BY: (Signature) Andrea Fern
RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)
RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 23.6 THERM #: A7
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☒ NOT USED
☐ CARRIER BILL # _____
☒ HAND DELIVERED ID on Bag

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Larson & Assoc.

Date/ Time: 10·21·09 16:50

Lab ID # : 349318

Initials: AL

Sample Receipt Checklist

					Client Initials
#1	Temperature of container/ cooler?	(Yes)	No	23.6 °C	
#2	Shipping container in good condition?	(Yes)	No		
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	(Not Present)	
#4	Custody Seals intact on sample bottles/ container?	Yes	No	(Not Present)	
#5	Chain of Custody present?	(Yes)	No		
#6	Sample instructions complete of Chain of Custody?	(Yes)	No		
#7	Chain of Custody signed when relinquished/ received?	(Yes)	No		
#8	Chain of Custody agrees with sample label(s)?	Yes	No	(ID written on Cont./Lid)	
#9	Container label(s) legible and intact?	Yes	No	(Not Applicable)	
#10	Sample matrix/ properties agree with Chain of Custody?	(Yes)	No		
#11	Containers supplied by ELOT?	Yes	(No)		
#12	Samples in proper container/ bottle?	(Yes)	No	See Below	
#13	Samples properly preserved?	(Yes)	No	See Below	
#14	Sample bottles intact?	(Yes)	No		
#15	Preservations documented on Chain of Custody?	(Yes)	No		
#16	Containers documented on Chain of Custody?	(Yes)	No		
#17	Sufficient sample amount for indicated test(s)?	(Yes)	No	See Below	
#18	All samples received within sufficient hold time?	(Yes)	No	See Below	
#19	Subcontract of sample(s)?	Yes	No	(Not Applicable)	
#20	VOC samples have zero headspace?	Yes	No	(Not Applicable)	

Variance Documentation

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

Regarding: _____

Corrective Action Taken: _____

Check all that Apply:

- ☐ See attached e-mail/ fax
- ☐ Client understands and would like to proceed with analysis
- ☐ Cooling process had begun shortly after sampling event