

## SITE INFORMATION

**Report Type: CLOSURE REQUEST**

RP # 2- 915

CRA Project # 073819

### General Site Information:

Site:	Lovington Paddock Unit #59
Company:	Chevron Environmental Management Company
Well Location:	Section 1, T-17-S, R-36-E
Unit Letter:	Unit G
API #:	30-025-03826
Lease Number:	--
County:	Lea County
Surface Owner:	City of Lovington
Mineral Owner:	State of New Mexico
Directions:	From Lovington, travel southeast along Highway 18 approx. 6 miles to Lovington Paddock Chevron Lease road entrance. Turn right (southwest) onto lease road and travel approx 0.8 miles to lease road intersection. Turn left (south) and travel appox. 0.45 miles. Turn right (west) and travel approx. 100 feet to former well location.

### Release Data:

Spill GPS:	
Date Released:	6/4/2006
Source of Contamination:	Release during well plugging activities
Fluid Released:	40 barrels of produced water
Fluids Recovered:	10 barrels of produced water

### Official Communication:

	Contact #1	Contact #2
Name:	Matt Hudson	Tom Larson
Company:	CEMC - Upstream Business Unit	CRA
Address:	1400 Smith Street Room 07062	2135 S Loop 250 West
P.O. Box:		
City:	Houston Texas 77002	Midland Texas 79703
Phone Number:	713-372-9207	432-686-0086
Fax Number:		432-686-0186
Email:	<a href="mailto:mhudson@chevron.com">mhudson@chevron.com</a>	<a href="mailto:tlarson@craworld.com">tlarson@craworld.com</a>

### Ranking Criteria:

Depth to Groundwater:	Ranking Score:	Site Data:
<50 ft.	20	
50-99 ft.	10	10
>100 ft.	0	
Wellhead Protection:	Ranking Score:	Site Data:
Water Source <1,000 ft., Private <200 ft.	20	
Water Source >1,000 ft., Private >200 ft.	0	0
Surface Body of Water:	Ranking Score:	Site Data:
<200 ft.	20	
200 ft. - 1,000 ft.	10	
>1,000 ft.	0	0
<b>Total Ranking Score:</b>	<b>10</b>	

Acceptable Soil RRAL (mg/kg)			
Benzene	Total BTEX	TPH	Chlorides
10	50	1,000	500

1RP-915

pPAC 04/16/54/0562



**CONESTOGA-ROVERS  
& ASSOCIATES**

2135 S. Loop 250 West  
Midland, Texas 79703  
Telephone: (432) 686-0086 Fax: (432) 686-0186  
<http://www.craworld.com>

August 16, 2011

Reference No. 073819 (2)

Mr. Geoffrey R. Leking  
Environmental Engineer  
New Mexico Oil Conservation Division.  
1625 N French Drive  
Hobbs, New Mexico 88240

HOBBS OCD

AUG 17 2011

RECEIVED

Re: Closure Request Report  
Lovington Paddock #59 – API #3002503826  
Unit G, Section 1, T17S, R36E  
Lea County, New Mexico

Dear Mr. Leking:

Conestoga-Rovers & Associates, Inc. (CRA), on behalf of Chevron Environmental Management Company (CEMC), is pleased to submit this closure request report for the subject Site.

#### PROJECT INFORMATION

The subject location is located approximately fifteen miles northwest of Hobbs, New Mexico (FIGURES 1 & 2). On June 4, 2006, an estimated 40 barrels of produced water (10 barrels recovered) was released from a pipe in a valve box. The approximate affected area was estimated at 200' x 200'.

There are numerous water wells in the vicinity of the Site. According to the Petroleum Recovery Research Center (PRRC) database and the New Mexico Office of the State Engineer (NMOSE), the average depth to groundwater from water wells in the immediate area of Lovington Paddock Unit (LPU) #59 depict an average of approximately 64 feet below ground surface (bgs). A FIGURE depicting the average depths to groundwater, distance to surface water bodies and any wellheads is provided in APPENDIX A.

A risk-based evaluation was performed in accordance to the New Mexico Oil Conservation Division's (NMOCD's) guidance document *Guidelines for Remediation of Leaks, Spills and Releases*, dated August 13, 1993. Section III of the guidance document provides three general characteristics (Depth to groundwater, Wellhead Protection Area, Distance to Nearest Surface Water Body) to "evaluate a Site's potential risk, the need for remedial action and if necessary, the level of cleanup required at the Site." Section IV provides ranking criteria for each Site-specific characteristic to determine their relative threat to public health, fresh waters and the environment. The sum of each individual characteristic equals the total ranking score. The total ranking score determines the recommended remedial action levels (RRAL) for benzene, toluene, ethylbenzene and xylene (BTEX) and total petroleum hydrocarbons (TPH) in soil.

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August 16, 2011

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Reference No. 073819

Based on average depth to groundwater (50 feet-100 feet below ground surface), Wellhead Protection (water source >1,000 feet & >200 feet private) and surface body of water was >1,000 feet from the Site, the RRALs were determined to be 10 mg/kg for benzene, 50 mg/kg for BTEX, 1,000 mg/kg for TPH and 500 mg/kg for chlorides.

## SITE ASSESSMENT ACTIVITIES

In 2010, Chevron re-initiated remedial efforts at the Site. As a result, an environmental Site consultant (Tetra Tech) was contracted by Chevron to assess the soils prior to submittal of a closure plan. On two separate events (July 16 & August 18, 2010), a total of twelve soil samples were collected at different intervals (0-6" & 6"-1' bgs respectively) from the affected area. Sample analyses included Total Petroleum Hydrocarbons (TPH), Benzene, Toluene, Ethylbenzene, Xylenes (BTEX) and Chlorides. TPH and BTEX concentrations were below laboratory detection limits in all three sample locations at the 0-6" interval, thus were not analyzed at the deeper interval; Chlorides were analyzed in both intervals and results were compared to the Site-specific recommended remedial action levels (RRALs)-500 mg/kg. Results indicated concentrations above the RRALs in two of the six sample locations at 0-6" interval (AH-2 & AH-4) and in five of the six locations at the 6"-1' interval (T-2, T-3, T-4, T-5 & T-6).

In May 2011, five soil borings in the affected area were installed to a depth of 40 feet bgs; Soil samples at five foot intervals were collected and sent to ALS Laboratories of Houston, Texas for chloride analyses using EPA Method 300. The top 4 soil samples (5 to 20 foot) from each boring were analyzed while the bottom four were placed on hold pending analyses. The soil borings were plugged with bentonite. The soil data from July 2010, August 2010 and May 2011 assessments are provided in FIGURE 3. The May 2011 boring program demonstrated chloride concentrations in four of the five borings (LPU #59 SB-1, SB-3, SB-4, SB-5) below the RRAL from all twenty samples collected between 5 and 20 feet bgs. Chloride concentrations from the fifth soil boring (SB-2) demonstrated elevated chloride concentrations (702 - 1,140 mg/kg) between the 15 feet to 35 feet intervals and chloride concentration (622 mg/kg) slightly above the RRAL at the deepest interval analyzed (39-40 foot interval).

## PROPOSED SITE CLOSURE ACTIVITIES

Based on soil data collected from the July and August 2010 & May 2011 assessment activities, the following restoration tasks are proposed for this former well location:

- Over-excavate well pad area to a total depth of 3 feet below ground surface (bgs) as determined by assessment activities. Excavation activities will be performed without compromising existing surface structures (i.e. oilwell, pumpjack, existing flowlines, electrical lines, etc); and
- Transport and dispose of excavated soils at Sundance facility as non-hazardous oilfield (exempt) waste.
- Backfill excavation with clean backfill material from 3 feet to 1 foot;
- Lay a 20 mil poly liner in excavated area, cover and compact area with heavy equipment and clean backfill and topsoil material;



**CONESTOGA-ROVERS  
& ASSOCIATES**

August 16, 2011

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Reference No. 073819

- Rip and seed 'constructed affected' locations and plant seed with approved mixture and using procedures as designated by property owner; and
- Submit a final C-141 to the NMOCD detailing completion of work activities.

CRA will provide the New Mexico Oil Conservation Division (NMOCD) a 48 hour notification prior to commencing field activities. If you have any questions or comments with regards to this closure request, please do not hesitate to contact our Midland office at (432) 686-0086.

Sincerely,  
**CONESTOGA-ROVERS & ASSOCIATES, INC.**

A handwritten signature in blue ink that reads "James Ornelas".

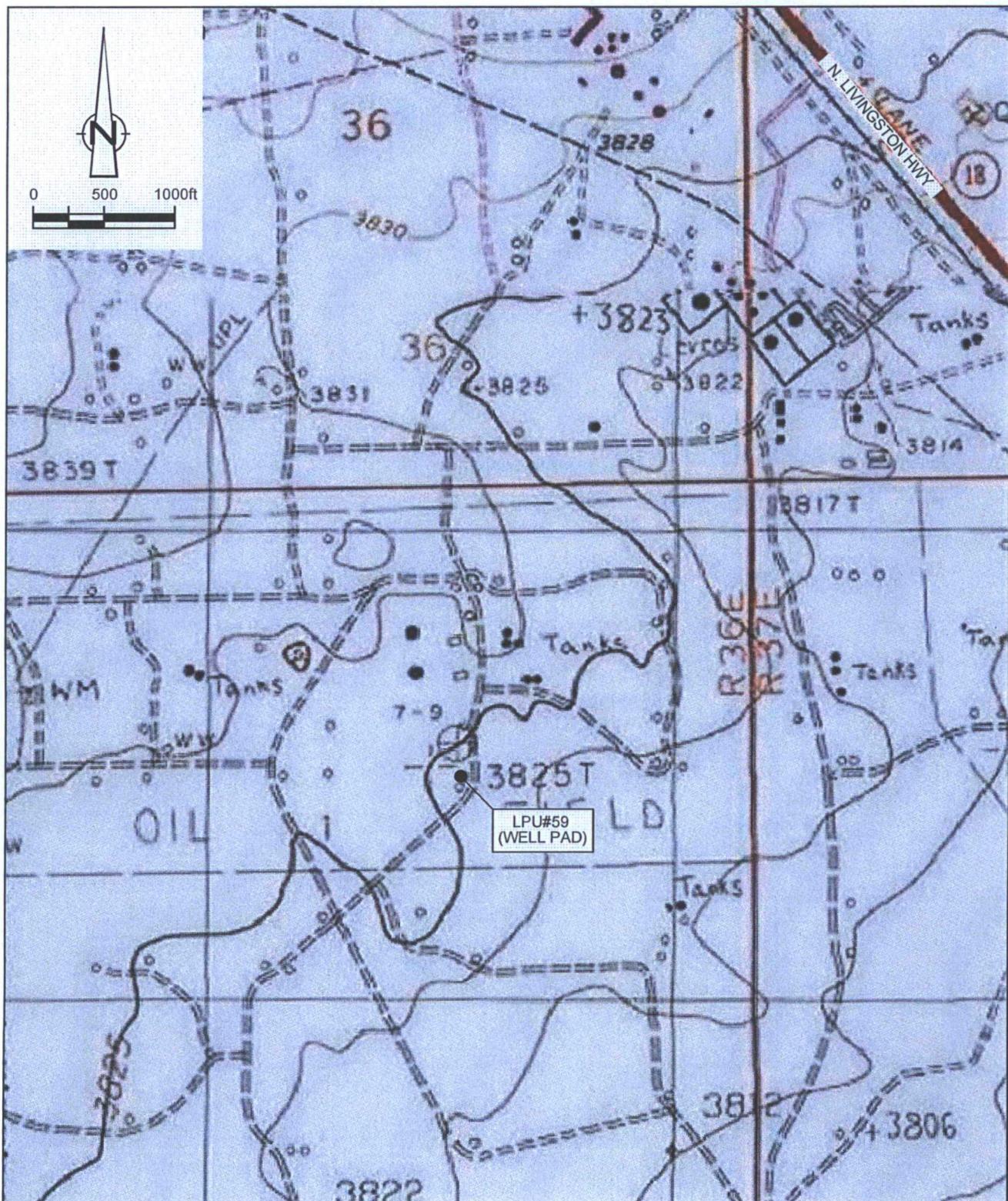
James Ornelas  
Project Manager

A handwritten signature in blue ink that reads "Thomas C. Larson".

Thomas C. Larson, P.G.  
Sr. Geologist/Operations Manager

Enclosures

Cc: Matt Hudson, CEMC  
Allen Bennett, AECOM

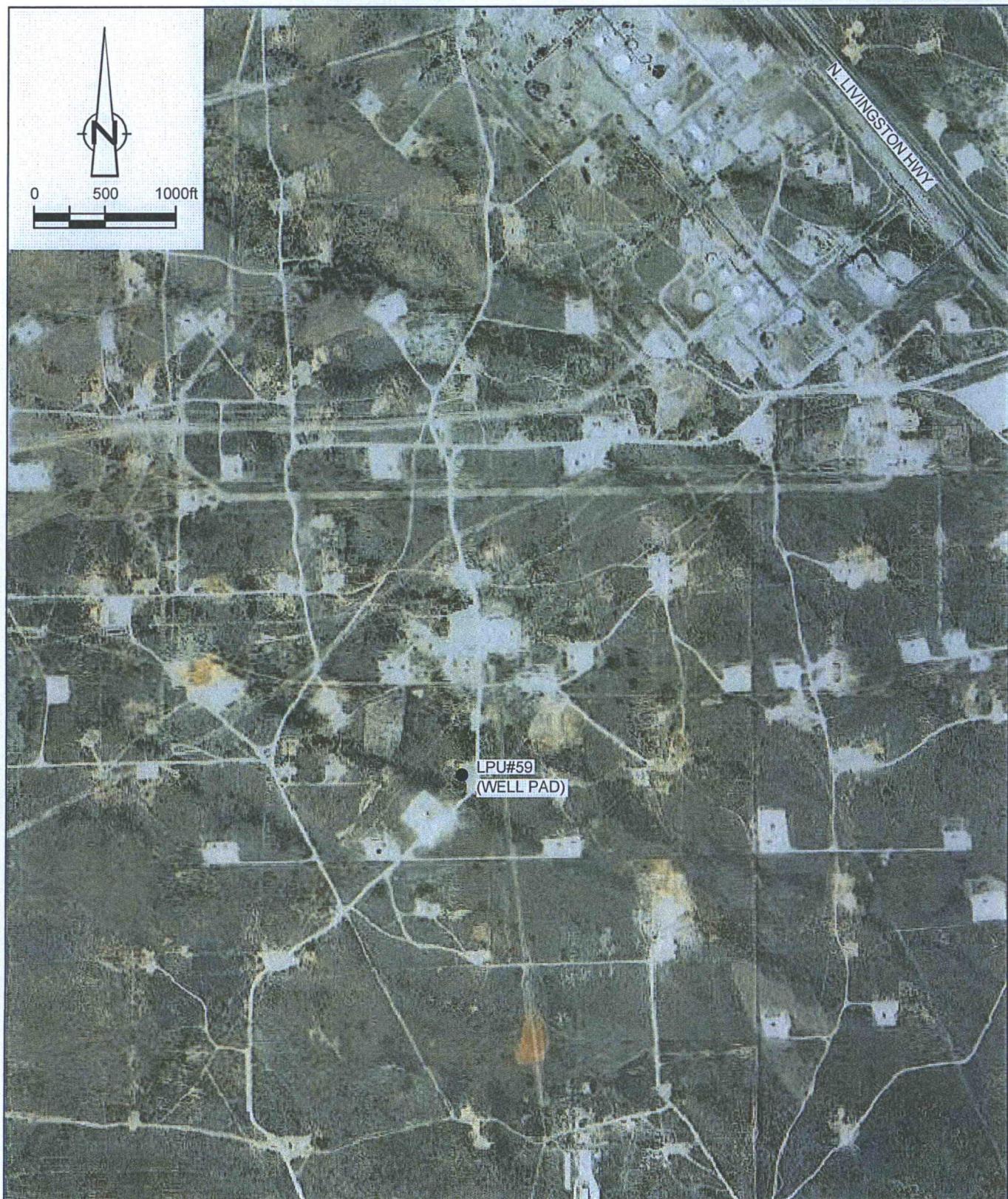


SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP  
 32° 51' 56.8" N  
 103° 18' 21.8" W

figure 1

SITE VICINITY MAP  
 LPU #59 PIT LOCATION  
 LEA COUNTY, NEW MEXICO  
*Chevron Environmental Management Company*



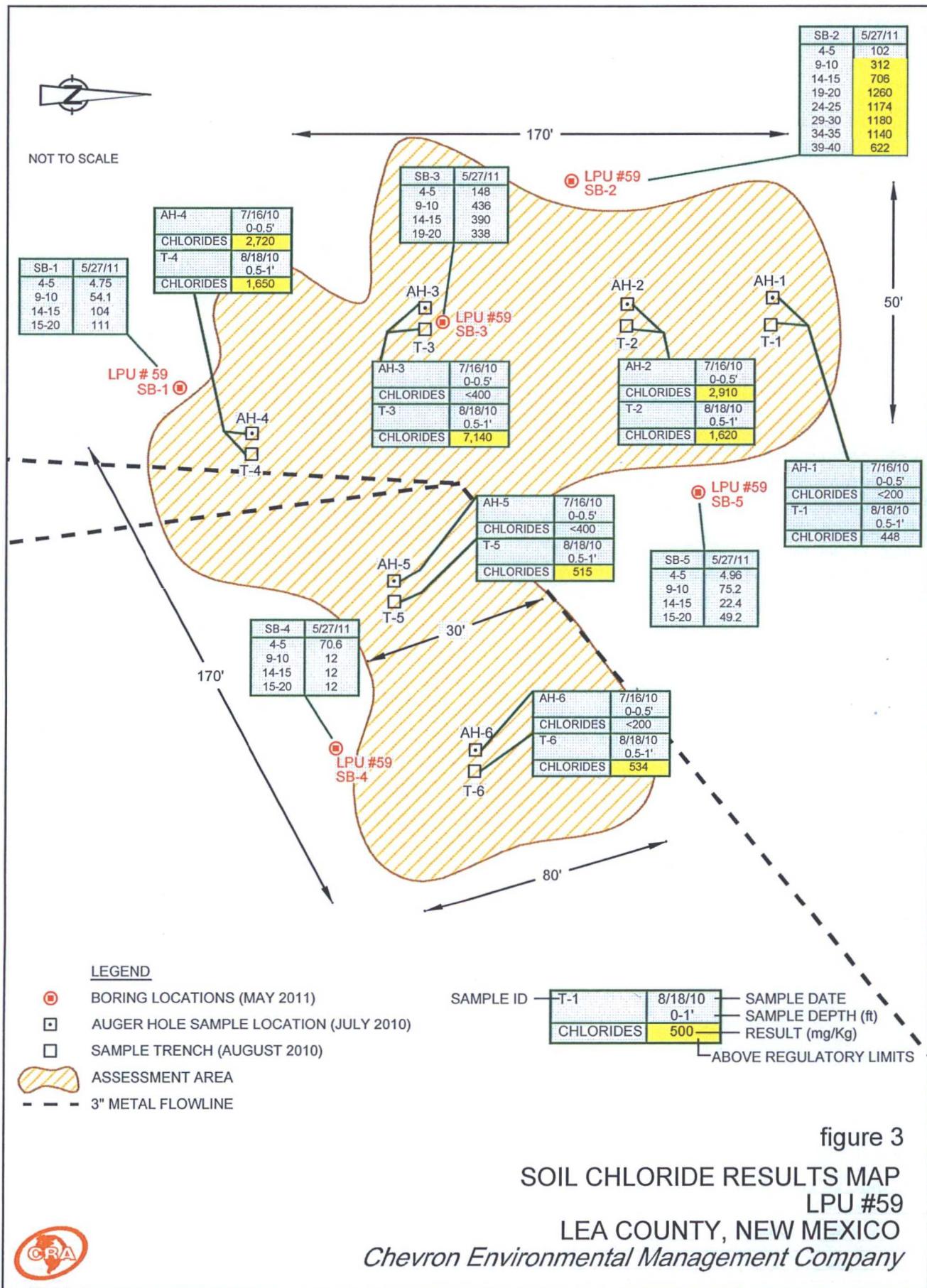


SOURCE: ESRI 1999 AERIAL PHOTOGRAPH  
32° 51' 56.8" N  
103° 18' 21.8" W

figure 2

SITE LOCATION MAP  
LPU #59 PIT LOCATION  
LEA COUNTY, NEW MEXICO  
*Chevron Environmental Management Company*





**TABLE I**  
**SOIL ANALYTICAL SUMMARY**  
**CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY**  
**JULY AUGUST 2010**  
**LOVINGTON PADDOCK UNIT#59**  
**LEA COUNTY, NEW MEXICO**

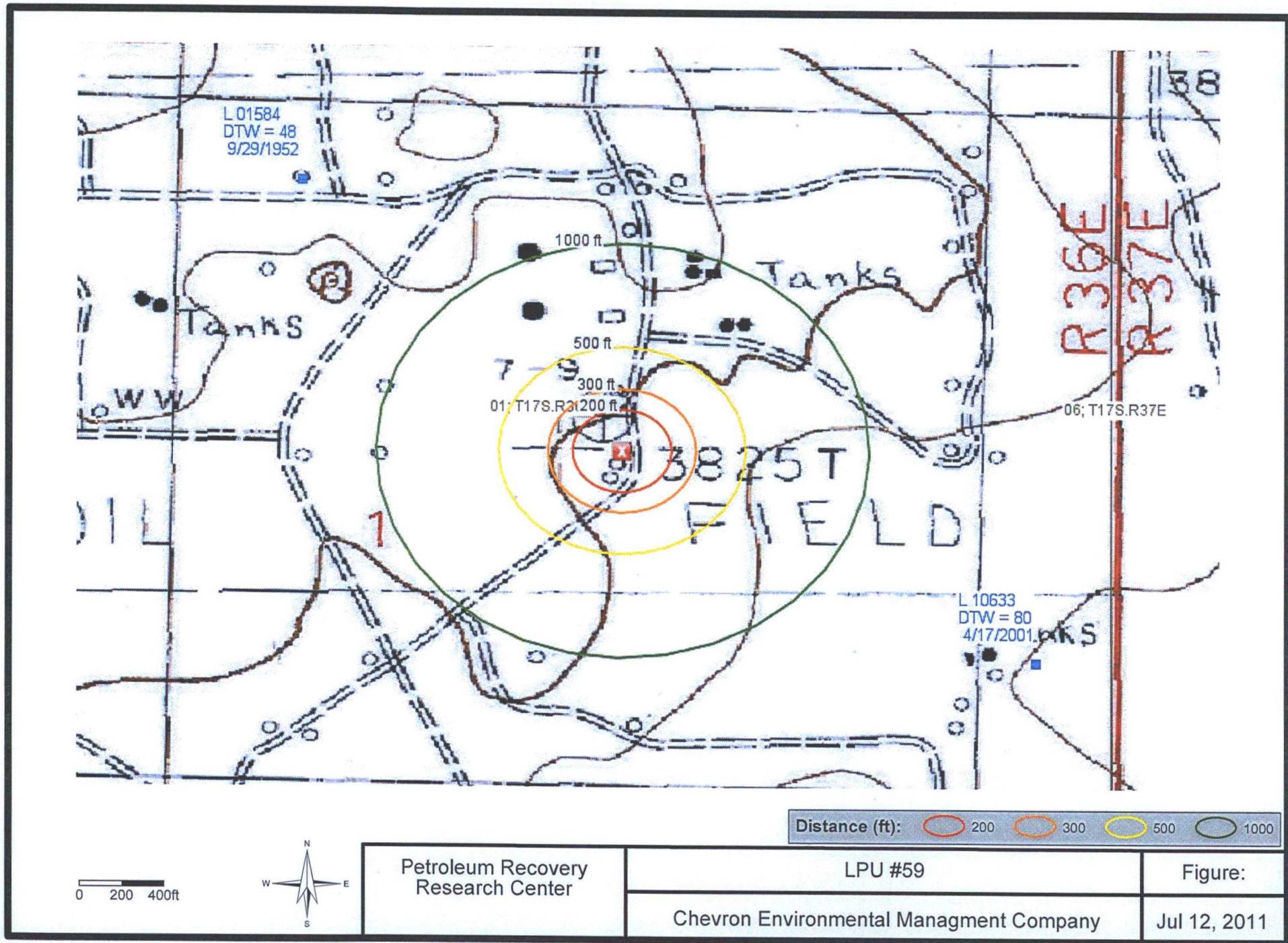
Sample ID	Depth (feet)	Sample Date	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	Total BTEX	TPH (8015B Modified)			Chlorides (mg/kg)
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	DRO (mg/kg)	GRO (mg/kg)	(GRO/DRO) (mg/kg)	
NMOCRD Recommended Remediation Action Levels (Total Ranking Score = 10)											
			10 mg/kg	-- mg/kg	-- mg/kg	-- mg/kg	50 mg/kg	-- mg/kg	-- mg/kg	1000 mg/kg	500 mg/kg
AH-1	0-0.5'	7/16/10	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00	<50.0	<200
T-1	0.5'-1'	8/18/10	NA	NA	NA	NA	NA	NA	NA	NA	448
AH-2	0-0.5'	7/16/10	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00	<50.0	2,910
T-2	0.5'-1'	8/18/10	NA	NA	NA	NA	NA	NA	NA	NA	1,620
AH-3	0-0.5'	7/16/10	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00	<50.0	<400
T-3	0.5'-1'	8/18/10	NA	NA	NA	NA	NA	NA	NA	NA	7,140
AH-4	0-0.5'	7/16/10	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00	<50.0	2,720
T-4	0.5'-1'	8/18/10	NA	NA	NA	NA	NA	NA	NA	NA	1,650
AH-5	0-0.5'	7/16/10	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00	<50.0	<400
T-5	0.5'-1'	8/18/10	NA	NA	NA	NA	NA	NA	NA	NA	515
AH-6	0-0.5'	7/16/10	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00	<50.0	<200
T-6	0.5'-1'	8/18/10	NA	NA	NA	NA	NA	NA	NA	NA	534

Notes:

1. BTEX analyses by EPA Method 8021B.
2. TPH analyzed by EPA Method 8015B Mod.
3. Chlorides analyzed by SM 4500-Cl B
4. NA - Not Analyzed
5. Bold concentrations above lab reporting limits.
6. Highlighted cells indicated concentrations above regulatory limits

**TABLE II**  
**SOIL ANALYTICAL SUMMARY**  
**CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY**  
**LOVINGTON PADDOCK UNIT#59**  
**LEA COUNTY, NEW MEXICO**  
**NMOCD Recommended Remediation Action Levels (Total Ranking Score = 10)**

Sample ID	Depth (feet)	Sample Date	Chlorides (mg/kg)
<b>NMOCD RRAL SCORE =10</b>			<b>500 mg/kg</b>
SB-1	4-5	5/26/11	4.75
	9-10	5/26/11	54.1
	14-15	5/26/11	104
	19-20	5/26/11	111
SB-2	4-5	5/26/11	102
	9-10	5/26/11	312
	14-15	5/26/11	<b>706</b>
	19-20	5/26/11	<b>1,260</b>
	24-25	5/26/11	<b>1,174</b>
	29-30	5/26/11	<b>1,180</b>
	34-35	5/26/11	<b>1,140</b>
	39-40	5/26/11	<b>622</b>
SB-3	4-5	5/26/11	148
	9-10	5/26/11	436
	14-15	5/26/11	390
	19-20	5/26/11	338
SB-4	4-5	5/26/11	70.6
	9-10	5/26/11	12.0
	14-15	5/26/11	12.0
	19-20	5/26/11	12.0
SB-5	4-5	5/26/11	4.96
	9-10	5/26/11	75.2
	14-15	5/26/11	22.4
	19-20	5/26/11	49.2





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20-Jun-2011

James Ornelas  
Conestoga-Rovers & Associates  
2135 S Loop 250 West  
Midland, TX 79703

Tel: (412) 686-0086  
Fax: (432) 686-0186

Re: Lovington Paddock #59

Work Order: 1106023

Dear James,

ALS Environmental received 40 samples on 01-Jun-2011 09:00 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 41.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

A handwritten signature in black ink that reads "Patricia L. Lynch".

Electronically approved by: Makenzie L. Henderson

Patricia L. Lynch  
Project Manager



Certificate No: T104704231-09A-TX

ADDRESS 10450 Standiford Rd, Suite 210 Houston, Texas 77099-4338 | PHONE (281) 530-5656 | FAX (281) 530-5887

BMT BHP VQIVTB -IDP SQHQbaupgulf fBMTM4cpxsbipzsfHspvqfIBDbn qc fmCspul fst Mjn jife Dpn qboz

**ALS Environmental**

Date: 20-Jun-11

**Client:** Conestoga-Rovers & Associates  
**Project:** Lovington Paddock #59  
**Work Order:** 1106023

**Work Order Sample Summary**

<b>Lab Samp ID</b>	<b>Client Sample ID</b>	<b>Matrix</b>	<b>Tag Number</b>	<b>Collection Date</b>	<b>Date Received</b>	<b>Hold</b>
1106023-01	LPU#59 SB-1 4'-5'	Soil		5/26/2011 15:10	6/1/2011 09:00	<input type="checkbox"/>
1106023-02	LBU#59 SB-1 9'-10'	Soil		5/26/2011 15:12	6/1/2011 09:00	<input type="checkbox"/>
1106023-03	LPU#59 SB-1 14'-15'	Soil		5/26/2011 15:14	6/1/2011 09:00	<input type="checkbox"/>
1106023-04	LPU#59 SB-1 19'-20'	Soil		5/26/2011 15:16	6/1/2011 09:00	<input type="checkbox"/>
1106023-05	LPU#59 SB-1 24'-25'	Soil		5/26/2011 15:18	6/1/2011 09:00	<input type="checkbox"/>
1106023-06	LPU#59 SB-1 29'-30'	Soil		5/26/2011 15:20	6/1/2011 09:00	<input type="checkbox"/>
1106023-07	LPU#59 SB-1 34'-35'	Soil		5/26/2011 15:22	6/1/2011 09:00	<input type="checkbox"/>
1106023-08	LPU#59 SB-1 39'-40'	Soil		5/26/2011 15:24	6/1/2011 09:00	<input type="checkbox"/>
1106023-09	LPU#59 SB-2 4'-5'	Soil		5/26/2011 15:34	6/1/2011 09:00	<input type="checkbox"/>
1106023-10	LPU#59 SB-2 9'-10'	Soil		5/26/2011 15:36	6/1/2011 09:00	<input type="checkbox"/>
1106023-11	LPU#59 SB-2 14'-15'	Soil		5/26/2011 15:38	6/1/2011 09:00	<input type="checkbox"/>
1106023-12	LPU#59 SB-2 19'-20'	Soil		5/26/2011 15:40	6/1/2011 09:00	<input type="checkbox"/>
1106023-13	LPU#59 SB-2 24'-25'	Soil		5/26/2011 15:42	6/1/2011 09:00	<input type="checkbox"/>
1106023-14	LPU#59 SB-2 29'-30'	Soil		5/26/2011 15:44	6/1/2011 09:00	<input type="checkbox"/>
1106023-15	LPU#59 SB-2 34'-35'	Soil		5/26/2011 15:46	6/1/2011 09:00	<input type="checkbox"/>
1106023-16	LPU#59 SB-2 39'-40'	Soil		5/26/2011 15:48	6/1/2011 09:00	<input type="checkbox"/>
1106023-17	LPU#59 SB-3 4'-5'	Soil		5/26/2011 16:00	6/1/2011 09:00	<input type="checkbox"/>
1106023-18	LPU#59 SB-3 9'-10'	Soil		5/26/2011 16:02	6/1/2011 09:00	<input type="checkbox"/>
1106023-19	LPU#59 SB-3 14'-15'	Soil		5/26/2011 16:04	6/1/2011 09:00	<input type="checkbox"/>
1106023-20	LPU#59 SB-3 19'-20'	Soil		5/26/2011 16:06	6/1/2011 09:00	<input type="checkbox"/>
1106023-21	LPU#59 SB-3 24'-25'	Soil		5/26/2011 16:08	6/1/2011 09:00	<input type="checkbox"/>
1106023-22	LPU#59 SB-3 29'-30'	Soil		5/26/2011 16:10	6/1/2011 09:00	<input type="checkbox"/>
1106023-23	LPU#59 SB-3 34'-35'	Soil		5/26/2011 16:12	6/1/2011 09:00	<input type="checkbox"/>
1106023-24	LPU#59 SB-3 39'-40'	Soil		5/26/2011 16:14	6/1/2011 09:00	<input type="checkbox"/>
1106023-25	LPU#59 SB-4 4'-5'	Soil		5/26/2011 16:50	6/1/2011 09:00	<input type="checkbox"/>
1106023-26	LPU#59 SB-4 9'-10'	Soil		5/26/2011 16:52	6/1/2011 09:00	<input type="checkbox"/>
1106023-27	LPU#59 SB-4 14'-15'	Soil		5/26/2011 16:54	6/1/2011 09:00	<input type="checkbox"/>
1106023-28	LPU#59 SB-4 19'-20'	Soil		5/26/2011 16:56	6/1/2011 09:00	<input type="checkbox"/>
1106023-29	LPU#59 SB-4 24'-25'	Soil		5/26/2011 16:58	6/1/2011 09:00	<input type="checkbox"/>
1106023-30	LPU#59 SB-4 29'-30'	Soil		5/26/2011 17:00	6/1/2011 09:00	<input type="checkbox"/>
1106023-31	LPU#59 SB-4 34'-35'	Soil		5/26/2011 17:02	6/1/2011 09:00	<input type="checkbox"/>
1106023-32	LPU#59 SB-4 39'-40'	Soil		5/26/2011 17:04	6/1/2011 09:00	<input type="checkbox"/>
1106023-33	LPU#59 SB-5 4'-5'	Soil		5/26/2011 17:20	6/1/2011 09:00	<input type="checkbox"/>
1106023-34	LPU#59 SB-5 9'-10'	Soil		5/26/2011 17:22	6/1/2011 09:00	<input type="checkbox"/>
1106023-35	LPU#59 SB-5 14'-15'	Soil		5/26/2011 17:24	6/1/2011 09:00	<input type="checkbox"/>
1106023-36	LPU#59 SB-5 19'-20'	Soil		5/26/2011 17:26	6/1/2011 09:00	<input type="checkbox"/>
1106023-37	LPU#59 SB-5 24'-25'	Soil		5/26/2011 17:28	6/1/2011 09:00	<input type="checkbox"/>
1106023-38	LPU#59 SB-5 29'-30'	Soil		5/26/2011 17:30	6/1/2011 09:00	<input type="checkbox"/>
1106023-39	LPU#59 SB-5 34'-35'	Soil		5/26/2011 17:32	6/1/2011 09:00	<input type="checkbox"/>

**Client:** Conestoga-Rovers & Associates  
**Project:** Lovington Paddock #59  
**Work Order:** 1106023

**Case Narrative**

Batch 53269 Chloride: MS/MSD is for an unrelated sample.

All samples on hold for SB-2 were assigned per James Ornelas of CRA.

**Client:** Conestoga-Rovers & Associates  
**Project:** Lovington Paddock #59  
**Work Order:** 1106023

### Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
1106023-40	LPU#59 SB-5 39'-40'	Soil		5/26/2011 17:34	6/1/2011 09:00	<input type="checkbox"/>

**ALS Environmental**

Date: 20-Jun-11

**Client:** Conestoga-Rovers & Associates  
**Project:** Lovington Paddock #59  
**Sample ID:** LPU#59 SB-1 4'-5'  
**Collection Date:** 5/26/2011 03:10 PM

**Work Order:** 1106023  
**Lab ID:** 1106023-01  
**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>ANIONS - EPA 300.0 (1993)</b>						
Chloride	4.75	J	4.92	mg/Kg	1	6/7/2011 10:54 PM
Surr: Selenate (surr)	90.4		85-115	%REC	1	6/7/2011 10:54 PM
<b>MOISTURE</b>						
Percent Moisture	5.64		0.0100	wt%	1	6/2/2011 11:30 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Environmental**

Date: 20-Jun-11

**Client:** Conestoga-Rovers & Associates  
**Project:** Lovington Paddock #59  
**Sample ID:** LBU#59 SB-1 9'-10'  
**Collection Date:** 5/26/2011 03:12 PM

**Work Order:** 1106023  
**Lab ID:** 1106023-02  
**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>ANIONS - EPA 300.0 (1993)</b>			<b>E300</b>			
Chloride	54.1		5.00	mg/Kg	1	6/8/2011 11:12 AM
Surr: Selenate (surr)	91.9		85-115	%REC	1	6/8/2011 11:12 AM
<b>MOISTURE</b>			<b>SW3550</b>			
Percent Moisture	7.75		0.0100	wt%	1	6/2/2011 11:30 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Environmental**

Date: 20-Jun-11

Client: Conestoga-Rovers &amp; Associates

Project: Lovington Paddock #59

Work Order: 1106023

Sample ID: LPU#59 SB-1 14'-15'

Lab ID: 1106023-03

Collection Date: 5/26/2011 03:14 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>ANIONS - EPA 300.0 (1993)</b>						
Chloride	104		4.94	mg/Kg	1	6/7/2011 11:52 PM
Surr: Selenate (surr)	92.8		85-115	%REC	1	6/7/2011 11:52 PM
<b>MOISTURE</b>						
Percent Moisture	7.53		0.0100	wt%	1	6/2/2011 11:30 AM
Analyst: TDW						
6/7/2011 11:52 PM						
Analyst: KAH						
6/2/2011 11:30 AM						

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Environmental**

Date: 20-Jun-11

**Client:** Conestoga-Rovers & Associates  
**Project:** Lovington Paddock #59  
**Sample ID:** LPU#59 SB-1 19'-20'  
**Collection Date:** 5/26/2011 03:16 PM

**Work Order:** 1106023  
**Lab ID:** 1106023-04  
**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>ANIONS - EPA 300.0 (1993)</b>						
Chloride	111		E300	4.99 mg/Kg	1	6/8/2011 12:07 AM
Surr: Selenate (surr)	88.9			85-115 %REC	1	6/8/2011 12:07 AM
<b>MOISTURE</b>						
Percent Moisture	7.28		SW3550	0.0100 wt%	1	Analyst: KAH 6/2/2011 11:30 AM

**Note:** See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Environmental**

Date: 20-Jun-11

**Client:** Conestoga-Rovers & Associates  
**Project:** Lovington Paddock #59  
**Sample ID:** LPU#59 SB-2 4'-5'  
**Collection Date:** 5/26/2011 03:34 PM

**Work Order:** 1106023  
**Lab ID:** 1106023-09  
**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>ANIONS - EPA 300.0 (1993)</b>			<b>E300</b>			
Chloride	102		4.95 mg/Kg		1	6/8/2011 12:21 AM
Surr: Selenate (surr)	91.6		85-115 %REC		1	6/8/2011 12:21 AM
<b>MOISTURE</b>			<b>SW3550</b>			
Percent Moisture	4.06		0.0100 wt%		1	6/2/2011 11:30 AM

**Note:** See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Environmental****Date:** 20-Jun-11

**Client:** Conestoga-Rovers & Associates  
**Project:** Lovington Paddock #59  
**Sample ID:** LPU#59 SB-2 9'-10'  
**Collection Date:** 5/26/2011 03:36 PM

**Work Order:** 1106023  
**Lab ID:** 1106023-10  
**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>ANIONS - EPA 300.0 (1993)</b>			<b>E300</b>			
Chloride	312		4.97 mg/Kg		1	6/8/2011 01:05 AM
<i>Surr: Selenate (surr)</i>	89.5		85-115 %REC		1	6/8/2011 01:05 AM
<b>MOISTURE</b>			<b>SW3550</b>			
Percent Moisture	7.22		0.0100 wt%		1	6/2/2011 11:30 AM

**Note:** See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Environmental**

Date: 20-Jun-11

**Client:** Conestoga-Rovers & Associates  
**Project:** Lovington Paddock #59  
**Sample ID:** LPU#59 SB-2 14'-15'  
**Collection Date:** 5/26/2011 03:38 PM

**Work Order:** 1106023  
**Lab ID:** 1106023-11  
**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>ANIONS - EPA 300.0 (1993)</b>						
Chloride	706		E300	4.96 mg/Kg	1	Analyst: TDW
Surr: Selenate (surr)	92.1			85-115 %REC	1	6/8/2011 01:20 AM
<b>MOISTURE</b>						
Percent Moisture	4.86		SW3550	0.0100 wt%	1	Analyst: KAH
						6/2/2011 11:30 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Environmental**

Date: 20-Jun-11

**Client:** Conestoga-Rovers & Associates  
**Project:** Lovington Paddock #59  
**Sample ID:** LPU#59 SB-2 19'-20'  
**Collection Date:** 5/26/2011 03:40 PM

**Work Order:** 1106023  
**Lab ID:** 1106023-12  
**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>ANIONS - EPA 300.0 (1993)</b>			<b>E300</b>			
Chloride	1,260		24.9 mg/Kg		5	6/8/2011 12:14 PM
Surr: Selenate (surr)	97.3		85-115 %REC		5	6/8/2011 12:14 PM
<b>MOISTURE</b>			<b>SW3550</b>			
Percent Moisture	4.92		0.0100 wt%		1	6/2/2011 11:30 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Environmental**

Date: 20-Jun-11

**Client:** Conestoga-Rovers & Associates  
**Project:** Lovington Paddock #59  
**Sample ID:** LPU#59 SB-2 24'-25'  
**Collection Date:** 5/26/2011 03:42 PM

**Work Order:** 1106023  
**Lab ID:** 1106023-13  
**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>ANIONS - EPA 300.0 (1993)</b>			<b>E300</b>			
Chloride	1,170		24.7 mg/Kg		5	6/17/2011 11:28 AM
Surr: Selenate (surr)	102		85-115 %REC		5	6/17/2011 11:28 AM
<b>MOISTURE</b>			<b>SW3550</b>			
Percent Moisture	4.05		0.0100 wt%		1	Analyst: KAH 6/16/2011 10:30 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Environmental**

Date: 20-Jun-11

**Client:** Conestoga-Rovers & Associates  
**Project:** Lovington Paddock #59  
**Sample ID:** LPU#59 SB-2 29'-30'  
**Collection Date:** 5/26/2011 03:44 PM

**Work Order:** 1106023  
**Lab ID:** 1106023-14  
**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>ANIONS - EPA 300.0 (1993)</b>			<b>E300</b>			
Chloride	1,180		24.9 mg/Kg		5	6/17/2011 11:50 AM
Surr: Selenate (surr)	103		85-115 %REC		5	6/17/2011 11:50 AM
<b>MOISTURE</b>			<b>SW3550</b>			
Percent Moisture	7.04		0.0100 wt%		1	6/16/2011 10:30 AM

**Note:** See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Environmental**

Date: 20-Jun-11

**Client:** Conestoga-Rovers & Associates  
**Project:** Lovington Paddock #59  
**Sample ID:** LPU#59 SB-2 34'-35'  
**Collection Date:** 5/26/2011 03:46 PM

**Work Order:** 1106023  
**Lab ID:** 1106023-15  
**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>ANIONS - EPA 300.0 (1993)</b>			<b>E300</b>			
Chloride	1,140		24.8 mg/Kg		5	6/17/2011 12:11 PM
Surr: Selenate (surr)	103		85-115 %REC		5	6/17/2011 12:11 PM
<b>MOISTURE</b>			<b>SW3550</b>			
Percent Moisture	4.74		0.0100 wt%		1	Analyst: KAH 6/16/2011 10:30 AM

**Note:** See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Environmental**

Date: 20-Jun-11

**Client:** Conestoga-Rovers & Associates  
**Project:** Lovington Paddock #59  
**Sample ID:** LPU#59 SB-2 39'-40'  
**Collection Date:** 5/26/2011 03:48 PM

**Work Order:** 1106023  
**Lab ID:** 1106023-16  
**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>ANIONS - EPA 300.0 (1993)</b>			<b>E300</b>			
Chloride	622		4.98 mg/Kg		1	6/16/2011 07:55 PM
Surr: Selenate (surr)	104		85-115 %REC		1	6/16/2011 07:55 PM
<b>MOISTURE</b>			<b>SW3550</b>			
Percent Moisture	3.92		0.0100 wt%		1	6/16/2011 10:30 AM

**Note:** See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Environmental**

Date: 20-Jun-11

**Client:** Conestoga-Rovers & Associates  
**Project:** Lovington Paddock #59  
**Sample ID:** LPU#59 SB-3 4'-5'  
**Collection Date:** 5/26/2011 04:00 PM

**Work Order:** 1106023  
**Lab ID:** 1106023-17  
**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>ANIONS - EPA 300.0 (1993)</b>			<b>E300</b>			
Chloride	148		4.94	mg/Kg	1	6/8/2011 01:49 AM
<i>Surr: Selenate (surr)</i>	93.1		85-115	%REC	1	6/8/2011 01:49 AM
<b>MOISTURE</b>			<b>SW3550</b>			
Percent Moisture	2.52		0.0100	wt%	1	6/2/2011 11:30 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Environmental**

Date: 20-Jun-11

**Client:** Conestoga-Rovers & Associates  
**Project:** Lovington Paddock #59  
**Sample ID:** LPU#59 SB-3 9'-10'  
**Collection Date:** 5/26/2011 04:02 PM

**Work Order:** 1106023  
**Lab ID:** 1106023-18  
**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>ANIONS - EPA 300.0 (1993)</b>						
Chloride	436		E300	4.98 mg/Kg	1	Analyst: TDW 6/8/2011 02:03 AM
Surr: Selenate (surr)	91.7			85-115 %REC	1	6/8/2011 02:03 AM
<b>MOISTURE</b>						
Percent Moisture	4.73		SW3550	0.0100 wt%	1	Analyst: KAH 6/2/2011 11:30 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Environmental**

Date: 20-Jun-11

**Client:** Conestoga-Rovers & Associates  
**Project:** Lovington Paddock #59  
**Sample ID:** LPU#59 SB-3 14'-15'  
**Collection Date:** 5/26/2011 04:04 PM

**Work Order:** 1106023  
**Lab ID:** 1106023-19  
**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>ANIONS - EPA 300.0 (1993)</b>						
Chloride	390		4.95	mg/Kg	1	6/8/2011 11:45 AM
Surr: Selenate (surr)	89.8		85-115	%REC	1	6/8/2011 11:45 AM
<b>MOISTURE</b>						
Percent Moisture	6.11		SW3550	0.0100	wt%	Analyst: KAH 6/2/2011 11:30 AM

**Note:** See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Environmental****Date: 20-Jun-11**

**Client:** Conestoga-Rovers & Associates  
**Project:** Lovington Paddock #59  
**Sample ID:** LPU#59 SB-3 19'-20'  
**Collection Date:** 5/26/2011 04:06 PM

**Work Order:** 1106023  
**Lab ID:** 1106023-20  
**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>ANIONS - EPA 300.0 (1993)</b>						
Chloride	338		E300	4.99 mg/Kg	1	Analyst: TDW 6/8/2011 02:32 AM
Surr: Selenate (surr)	94.0			85-115 %REC	1	6/8/2011 02:32 AM
<b>MOISTURE</b>						
Percent Moisture	6.86		SW3550	0.0100 wt%	1	Analyst: KAH 6/2/2011 11:30 AM

**Note:** See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Environmental**

Date: 20-Jun-11

**Client:** Conestoga-Rovers & Associates  
**Project:** Lovington Paddock #59  
**Sample ID:** LPU#59 SB-4 4'-5'  
**Collection Date:** 5/26/2011 04:50 PM

**Work Order:** 1106023  
**Lab ID:** 1106023-25  
**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>ANIONS - EPA 300.0 (1993)</b>			<b>E300</b>			
Chloride	70.6		4.90	mg/Kg	1	6/8/2011 02:47 AM
Surr: Selenate (surr)	93.8		85-115	%REC	1	6/8/2011 02:47 AM
<b>MOISTURE</b>			<b>SW3550</b>			
Percent Moisture	4.85		0.0100	wt%	1	6/2/2011 11:30 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Environmental****Date:** 20-Jun-11

**Client:** Conestoga-Rovers & Associates  
**Project:** Lovington Paddock #59  
**Sample ID:** LPU#59 SB-4 9'-10'  
**Collection Date:** 5/26/2011 04:52 PM

**Work Order:** 1106023  
**Lab ID:** 1106023-26  
**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>ANIONS - EPA 300.0 (1993)</b>			<b>E300</b>			
Chloride	12.0		4.99 mg/Kg		1	6/8/2011 03:02 AM
<i>Surr: Selenate (surr)</i>	92.6		85-115 %REC		1	6/8/2011 03:02 AM
<b>MOISTURE</b>			<b>SW3550</b>			
Percent Moisture	6.07		0.0100 wt%		1	6/2/2011 11:30 AM

**Note:** See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Environmental**

Date: 20-Jun-11

**Client:** Conestoga-Rovers & Associates  
**Project:** Lovington Paddock #59  
**Sample ID:** LPU#59 SB-4 14'-15'  
**Collection Date:** 5/26/2011 04:54 PM

**Work Order:** 1106023  
**Lab ID:** 1106023-27  
**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>ANIONS - EPA 300.0 (1993)</b>			<b>E300</b>			
Chloride	12.0		4.93 mg/Kg		1	6/8/2011 03:16 AM
Surr: Selenate (surr)	90.6		85-115 %REC		1	6/8/2011 03:16 AM
<b>MOISTURE</b>			<b>SW3550</b>			
Percent Moisture	4.88		0.0100 wt%		1	6/2/2011 11:30 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Environmental**

Date: 20-Jun-11

**Client:** Conestoga-Rovers & Associates  
**Project:** Lovington Paddock #59  
**Sample ID:** LPU#59 SB-4 19'-20'  
**Collection Date:** 5/26/2011 04:56 PM

**Work Order:** 1106023**Lab ID:** 1106023-28**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>ANIONS - EPA 300.0 (1993)</b>			<b>E300</b>			
Chloride	12.0		4.94 mg/Kg		1	6/8/2011 04:00 AM
Surr: Selenate (surr)	90.7		85-115 %REC		1	6/8/2011 04:00 AM
<b>MOISTURE</b>			<b>SW3550</b>			
Percent Moisture	4.98		0.0100 wt%		1	6/2/2011 11:30 AM

**Note:** See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Environmental**

Date: 20-Jun-11

**Client:** Conestoga-Rovers & Associates  
**Project:** Lovington Paddock #59  
**Sample ID:** LPU#59 SB-5 4'-5'  
**Collection Date:** 5/26/2011 05:20 PM

**Work Order:** 1106023  
**Lab ID:** 1106023-33  
**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>ANIONS - EPA 300.0 (1993)</b>						
Chloride	4.96		E300	4.91 mg/Kg	1	Analyst: TDW
Surr: Selenate (surr)	87.8			85-115 %REC	1	6/8/2011 04:14 AM
<b>MOISTURE</b>						
Percent Moisture	3.05		SW3550	0.0100 wt%	1	Analyst: KAH
						6/2/2011 11:30 AM

**Note:** See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Environmental**

Date: 20-Jun-11

Client: Conestoga-Rovers &amp; Associates

Project: Lovington Paddock #59

Work Order: 1106023

Sample ID: LPU#59 SB-5 9'-10'

Lab ID: 1106023-34

Collection Date: 5/26/2011 05:22 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>ANIONS - EPA 300.0 (1993)</b>						
Chloride	75.2		E300	4.98 mg/Kg	1	Analyst: TDW 6/8/2011 04:29 AM
Surr: Selenate (surr)	89.6			85-115 %REC	1	6/8/2011 04:29 AM
<b>MOISTURE</b>						
Percent Moisture	7.33		SW3550	0.0100 wt%	1	Analyst: KAH 6/2/2011 11:30 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Environmental**

Date: 20-Jun-11

**Client:** Conestoga-Rovers & Associates  
**Project:** Lovington Paddock #59  
**Sample ID:** LPU#59 SB-5 14'-15'  
**Collection Date:** 5/26/2011 05:24 PM

**Work Order:** 1106023  
**Lab ID:** 1106023-35  
**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>ANIONS - EPA 300.0 (1993)</b>			<b>E300</b>			
Chloride	22.4		4.99 mg/Kg		1	6/8/2011 04:43 AM
Surr: Selenate (surr)	92.9		85-115 %REC		1	6/8/2011 04:43 AM
<b>MOISTURE</b>			<b>SW3550</b>			
Percent Moisture	6.93		0.0100 wt%		1	6/2/2011 11:30 AM

**Note:** See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Environmental**

Date: 20-Jun-11

**Client:** Conestoga-Rovers & Associates  
**Project:** Lovington Paddock #59  
**Sample ID:** LPU#59 SB-5 19'-20'  
**Collection Date:** 5/26/2011 05:26 PM

**Work Order:** 1106023  
**Lab ID:** 1106023-36  
**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>ANIONS - EPA 300.0 (1993)</b>			<b>E300</b>			
Chloride	49.2		4.99 mg/Kg		1	6/8/2011 04:58 AM
Surr: Selenate (surr)	92.3		85-115 %REC		1	6/8/2011 04:58 AM
<b>MOISTURE</b>			<b>SW3550</b>			
Percent Moisture	4.65		0.0100 wt%		1	6/2/2011 11:30 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

## ALS Environmental

Date: 20-Jun-11

**Client:** Conestoga-Rovers & Associates  
**Work Order:** 1106023  
**Project:** Lovington Paddock #59

**QC BATCH REPORT**

Batch ID: 52990		Instrument ID ICS2100		Method: E300								
<b>MBLK</b>	Sample ID: WBLKS3-060711-52990			Units: mg/Kg			Analysis Date: 6/7/2011 10:11 PM					
Client ID:	Run ID: ICS2100_110607B			SeqNo: 2416269		Prep Date: 6/7/2011		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual		
Chloride	U	5.0										
<i>Surr: Selenate (surr)</i>	49.01	1.0	50	0	98	85-115		0				
<b>LCS</b>	Sample ID: WL.CSS3-060711-52990			Units: mg/Kg			Analysis Date: 6/7/2011 10:25 PM					
Client ID:	Run ID: ICS2100_110607B			SeqNo: 2416270		Prep Date: 6/7/2011		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual		
Chloride	200.1	5.0	200	0	100	90-110		0				
<i>Surr: Selenate (surr)</i>	48.79	1.0	50	0	97.6	85-115		0				
<b>LCSD</b>	Sample ID: WL.CSDS3-060711-52990			Units: mg/Kg			Analysis Date: 6/7/2011 10:40 PM					
Client ID:	Run ID: ICS2100_110607B			SeqNo: 2416271		Prep Date: 6/7/2011		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual		
Chloride	207.7	5.0	200	0	104	90-110	200.1	3.72	20			
<i>Surr: Selenate (surr)</i>	46.98	1.0	50	0	94	85-115	48.79	3.78	20			
<b>MS</b>	Sample ID: 1106023-01AMS			Units: mg/Kg			Analysis Date: 6/7/2011 11:09 PM					
Client ID: LPU#59 SB-1 4'-5'	Run ID: ICS2100_110607B			SeqNo: 2416273		Prep Date: 6/7/2011		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual		
Chloride	94.91	4.9	98.43	4.754	91.6	75-125		0				
<i>Surr: Selenate (surr)</i>	43.06	0.98	49.21	0	87.5	80-120		0				
<b>MS</b>	Sample ID: 1106023-36AMS			Units: mg/Kg			Analysis Date: 6/8/2011 05:12 AM					
Client ID: LPU#59 SB-5 19'-20'	Run ID: ICS2100_110607B			SeqNo: 2416298		Prep Date: 6/7/2011		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual		
Chloride	142.3	5.0	99.8	49.22	93.2	75-125		0				
<i>Surr: Selenate (surr)</i>	43.22	1.0	49.9	0	86.6	80-120		0				
<b>MSD</b>	Sample ID: 1106023-01AMSD			Units: mg/Kg			Analysis Date: 6/7/2011 11:23 PM					
Client ID: LPU#59 SB-1 4'-5'	Run ID: ICS2100_110607B			SeqNo: 2416274		Prep Date: 6/7/2011		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual		
Chloride	107.6	4.9	98.43	4.754	104	75-125	94.91	12.5	20			
<i>Surr: Selenate (surr)</i>	41.95	0.98	49.21	0	85.2	80-120	43.06	2.62	20			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Conestoga-Rovers & Associates  
**Work Order:** 1106023  
**Project:** Lovington Paddock #59

## QC BATCH REPORT

Batch ID: 52990      Instrument ID ICS2100      Method: E300

MSD      Sample ID: 1106023-36AMSD      Units: mg/Kg      Analysis Date: 6/8/2011 05:27 AM

Client ID: LPU#59 SB-5 19'-20'      Run ID: ICS2100\_110607B      SeqNo: 2416299      Prep Date: 6/7/2011      DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	165.5	5.0	99.8	49.22	116	75-125	142.3	15.1	20	
Surr: Selenate (surr)	43.57	1.0	49.9	0	87.3	80-120	43.22	0.805	20	

The following samples were analyzed in this batch:

1106023-01A	1106023-02A	1106023-03A
1106023-04A	1106023-09A	1106023-10A
1106023-11A	1106023-12A	1106023-17A
1106023-18A	1106023-19A	1106023-20A
1106023-25A	1106023-26A	1106023-27A
1106023-28A	1106023-33A	1106023-34A
1106023-35A	1106023-36A	

**Client:** Conestoga-Rovers & Associates  
**Work Order:** 1106023  
**Project:** Lovington Paddock #59

## QC BATCH REPORT

Batch ID: 53269		Instrument ID ICS3K2		Method: E300							
MBLK	Sample ID: WBLKS2-061611-53269	Units: mg/Kg						Analysis Date: 6/16/2011 05:01 PM			
Client ID:	Run ID: ICS3K2_110616A			SeqNo: 2427284		Prep Date: 6/16/2011		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Chloride	U	5.0									
<i>Surr: Selenate (surr)</i>	49.87	1.0	50	0	99.7	85-115		0			
LCS	Sample ID: WL.CSS2-061611-53269	Units: mg/Kg						Analysis Date: 6/16/2011 05:23 PM			
Client ID:	Run ID: ICS3K2_110616A			SeqNo: 2427285		Prep Date: 6/16/2011		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Chloride	208.8	5.0	200	0	104	90-110		0			
<i>Surr: Selenate (surr)</i>	56.64	1.0	50	0	113	85-115		0			
LCSD	Sample ID: WL.CSDS2-061611-53269	Units: mg/Kg						Analysis Date: 6/16/2011 05:45 PM			
Client ID:	Run ID: ICS3K2_110616A			SeqNo: 2427288		Prep Date: 6/16/2011		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Chloride	208.8	5.0	200	0	104	90-110	208.8	0.0287	20		
<i>Surr: Selenate (surr)</i>	57.01	1.0	50	0	114	85-115	56.64	0.651	20		
MS	Sample ID: 1106026-39AMS	Units: mg/Kg						Analysis Date: 6/16/2011 11:32 PM			
Client ID:	Run ID: ICS3K2_110616A			SeqNo: 2427328		Prep Date: 6/16/2011		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Chloride	1888	5.0	99.21	1819	69.5	75-125		0		SEO	
<i>Surr: Selenate (surr)</i>	55.38	0.99	49.6	0	112	80-120		0			
MS	Sample ID: 1106026-40AMS	Units: mg/Kg						Analysis Date: 6/17/2011 12:37 AM			
Client ID:	Run ID: ICS3K2_110616A			SeqNo: 2427332		Prep Date: 6/16/2011		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Chloride	1572	4.9	98.23	1500	73.8	75-125		0		SEO	
<i>Surr: Selenate (surr)</i>	53.13	0.98	49.12	0	108	80-120		0			
MSD	Sample ID: 1106026-39AMSD	Units: mg/Kg						Analysis Date: 6/16/2011 11:54 PM			
Client ID:	Run ID: ICS3K2_110616A			SeqNo: 2427329		Prep Date: 6/16/2011		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Chloride	1887	5.0	99.21	1819	68.4	75-125	1888	0.0615	20	SEO	
<i>Surr: Selenate (surr)</i>	55.12	0.99	49.6	0	111	80-120	55.38	0.467	20		

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Conestoga-Rovers & Associates  
**Work Order:** 1106023  
**Project:** Lovington Paddock #59

## QC BATCH REPORT

Batch ID: **53269**      Instrument ID **ICS3K2**      Method: **E300**

**MSD**      Sample ID: **1106026-40AMSD**      Units: **mg/Kg**      Analysis Date: **6/17/2011 01:42 AM**

Client ID:      Run ID: **ICS3K2\_110616A**      SeqNo: **2427336**      Prep Date: **6/16/2011**      DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	1572	4.9	98.23	1500	73.9	75-125	1572	0.00562	20	SEO
<i>Surr: Selenate (surr)</i>	53.21	0.98	49.12	0	108	80-120	53.13	0.148	20	

The following samples were analyzed in this batch:

1106023-13A	1106023-14A	1106023-15A
1106023-16A		

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

QC Page: 4 of 6

**Client:** Conestoga-Rovers & Associates  
**Work Order:** 1106023  
**Project:** Lovington Paddock #59

## QC BATCH REPORT

Batch ID: R110811		Instrument ID Balance1		Method: SW3550					
DUP	Sample ID: 1106023-36ADUP			Units: wt%					
Client ID: LPU#59 SB-5 19'-20'		Run ID: BALANCE1_110602E		SeqNo: 2410894	Prep Date:				
				Analysis Date: 6/2/2011 11:30 AM					
Analyte	Result	PQL	SPK Val	SPK Ref Value	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	4.753	0.010	0	0	0-0	4.649	2.2	20	

The following samples were analyzed in this batch:

1106023-01A	1106023-02A	1106023-03A
1106023-04A	1106023-09A	1106023-10A
1106023-11A	1106023-12A	1106023-17A
1106023-18A	1106023-19A	1106023-20A
1106023-25A	1106023-26A	1106023-27A
1106023-28A	1106023-33A	1106023-34A
1106023-35A	1106023-36A	

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Conestoga-Rovers & Associates  
**Work Order:** 1106023  
**Project:** Lovington Paddock #59

## QC BATCH REPORT

Batch ID: R111505      Instrument ID Balance1      Method: SW3550

DUP      Sample ID: 1106473-07ADUP      Units: wt%      Analysis Date: 6/16/2011 10:30 AM

Client ID:      Run ID: BALANCE1\_110616B      SeqNo: 2426049      Prep Date:      DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	18.7	0.010	0	0	0	0-0	19.22	2.73	20	

The following samples were analyzed in this batch:

1106023-13A	1106023-14A	1106023-15A
1106023-16A		

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

QC Page: 6 of 6

**Client:** Conestoga-Rovers & Associates  
**Project:** Lovington Paddock #59  
**WorkOrder:** 1106023

**QUALIFIERS,  
ACRONYMS, UNITS**

<b><u>Qualifier</u></b>	<b><u>Description</u></b>
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

<b><u>Acronym</u></b>	<b><u>Description</u></b>
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

<b><u>Units Reported</u></b>	<b><u>Description</u></b>
mg/Kg	Milligrams per Kilogram
wt%	



**ALS Environmental**  
 10450 Stancliff Rd., Suite 210  
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### Chain of Custody Form

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COC ID: **33508**

**1106023**

CRA-MID: Conestoga-Rovers & Associates

Project: Lovington Paddock #59



Customer Information		Project Information		ALS Project Manager:													
Purchase Order		Project Name	Lovington Paddock #59	A	Anionic Surfactants												
Work Order		Project Number	073817	B	Moisture												
Company Name	Conestoga-Rovers & Associates	Bill To Company	Conestoga-Rovers & Associates	C													
Send Report To	James Ornelas	Invoice Attn	James Ornelas	D													
Address	6320 Rothway Ste. 100	Address	6320 Rothway, Suite 100	E													
City/State/Zip	Houston, TX 77040	City/State/Zip	Houston, TX 77040	F													
Phone	(713) 734-3090	Phone	(713) 734-3090	G													
Fax	(713) 264-6130	Fax	(713) 734-3391	H													
e-Mail Address		e-Mail Address		I													
No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	LPU#59 SB-1 4'-5'	5/26/11	1510				X	X									
2	LPU#59 SB-1 9'-10'	11 "	1512				X	X									
3	LPU#59 SB-1 14'-15'	11 "	1514				X	X									
4	LPU#59 SB-1 19'-20'	11 "	1516				X	X									
5	LPU#59 SB-1 24'-25'	11 "	1518														X
6	LPU#59 SB-1 26'-30'	11 "	1520														X
7	LPU#59 SB-1 34'-35'	11 "	1522														X
8	LPU#59 SB-1 36'-40'	11 "	1524														X
9	LPU#59 SB-2 4'-5'	11 "	1526				X	X									
10	LPU#59 SB-2 9'-10'	11 "	1530				X	X									
Sampler(s) Please Print & Sign				Shipment Method		Required Turnaround Time: (Check Box)			Results Due Date:								
						<input checked="" type="checkbox"/> Std 10 WK Days <input type="checkbox"/> 5 WK Days <input type="checkbox"/> 2 WK Days <input type="checkbox"/> 24 Hour											
Relinquished by: <i>James</i>		Date: 5/31/11	Time: 16:00	Received by: <i>RH</i>		Notes: 10 Day TAT.											
Relinquished by:		Date:	Time:	Received by (Laboratory):		Notes: 10 Day TAT.			Cooler ID		Cooler Temp.		QC Package: (Check One Box Below)				
Logged by (Laboratory):		Date:	Time:	Checked by (Laboratory):									<input checked="" type="checkbox"/> Level I Std QC <input type="checkbox"/> TRFP CheckList <input type="checkbox"/> Level II Std QC/Raw Data <input type="checkbox"/> TRFP Level IV <input type="checkbox"/> Level IV SW846/CLP <input type="checkbox"/> Other / EDD				
Preservative Key: 1-HCl 2-HNO <sub>3</sub> 3-H <sub>2</sub> SO <sub>4</sub> 4-NaOH 5-Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 6-NaHSO <sub>4</sub> 7-Other 8-4°C 9-5035																	

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COC ID: **33507**

**ALS Environmental**  
3352 128th Ave.  
Holland, MI 49424-9263  
Tel: +1 616 399 6070  
Fax: +1 616 399 6185

Customer Information		Project Information		ALS Project Manager:		ALS Work Order #: <b>1106023</b>											
Purchase Order		Project Name	Lovington Paddock #59	A	Anions (300) C												
Work Order		Project Number	073817	B	Moisture												
Company Name	Conestoga-Rovers & Associates	Bill To Company	Conestoga-Rovers & Associates	C													
Send Report To	James Ornelas	Invoice Attn	James Ornelas	D													
Address	3320 Rothway Ste. 100	Address	6320 Rothway, Suite 100	E													
F																	
City/State/Zip	Houston, TX 77040	City/State/Zip	Houston, TX 77040	G													
Phone	(713) 734-3090	Phone	(713) 724-3090	H													
Fax	(713) 264-6138	Fax	(713) 734-3391	I													
e-Mail Address		e-Mail Address		J													
No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	LPU #59 SB-2	14-15	5/21/11	1538			X	X									
2	LPU #59 SB-2	19-26	" "	1546			X	X									
3	LPU #59 SB-2	24-25	" "	1542													X
4	LPU #59 SB-2	24-30	" "	1544													X
5	LPU #59 SB-2	34-35	" "	1546													X
6	LPU #59 SB-2	39-40	" "	1546													X
7	LPU #59 SB-3	4-5	" "	1600			X	X									
8	LPU #59 SB-3	9-10	" "	1602			X	X									
9	LPU #59 SB-3	14-15	" "	1604			X	X									
10	LPU #59 SB-3	19-20	" "	1606			X	X									
Sampler(s) Please Print & Sign				Shipment Method		Required Turnaround Time: (Check Box)				Other		Results Due Date:					
						<input checked="" type="checkbox"/> Std 10 WK Days <input type="checkbox"/> 5 WK Days <input type="checkbox"/> 2 WK Days <input type="checkbox"/> 24 Hour											
Relinquished by:		Date: 5/21/11	Time: 16:00	Received by:						Notes: 10 Day TAT.							
Relinquished by:		Date:	Time:	Received by (Laboratory):						Cooler ID	Cooler Temp.	QC Package: (Check One Box Below)					
Logged by (Laboratory):		Date:	Time:	Checked by (Laboratory):								<input checked="" type="checkbox"/> Level II Std QC	<input type="checkbox"/> TRRP Check Ls.				
												<input type="checkbox"/> Level III Std QC/RW Data	<input type="checkbox"/> TRRP Level IV				
												<input type="checkbox"/> Level IV SW846/CLP					
												<input type="checkbox"/> Other / EOD					
Preservative Key: 1-HCl 2-HNO <sub>3</sub> 3-H <sub>2</sub> SO <sub>4</sub> 4-NaOH 5-Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 6-NaHSO <sub>4</sub> 7-Other 8-4°C 9-5035																	

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COC ID: 33506

**ALS Environmental**

3352 128th Ave.  
Holland, MI 49424-9263  
Tel: +1 616 399 6070  
Fax: +1 616 399 6185

Customer Information		Project Information		Parameter/Method Request for Analysis														
Purchase Order		Project Name	Lovington Paddock #59	A	Anions (300) Cl													
Work Order		Project Number	073817	B	Moisture													
Company Name	Conestoga-Rovers & Associates	Bill To Company	Conestoga-Rovers & Associates	C														
Send Report To	James Ornelas	Invoice Attn	James Ornelas	D														
Address	6320 Rothway Ste. 100	Address	6320 Rothway, Suite 100	E														
			F															
City/State/Zip	Houston, TX 77040	City/State/Zip	Houston, TX 77040	G														
Phone	(713) 734-3090	Phone	(713) 734-3090	H														
Fax	(713) 264-6138	Fax	(713) 734-3391	I														
e-Mail Address		e-Mail Address		J														
No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold	
1	LPV#59 SB-3 24-25'	5/26/11	1600														X	
2	LPV#59 SB-3 29-30'	11 "	1610														X	
3	LPV#59 SB-3 34-35'	11 "	1612														X	
4	LPV#59 SB-3 39-40'	11 "	1614														X	
5	LPV#59 SB-4 4-5'	11 "	1650				X	X										
6	LPV#59 SB-4 9-10'	11 "	1652				X	X										
7	LPV#59 SB-4 14-15'	11 "	1654				X	X										
8	LPV#59 SB-4 19-20'	11 "	1656				X	X										
9	LPV#59 SB-4 24-25'	11 "	1658														X	
10	LPV#59 SB-4 29-30'	11 "	1700														X	
Sampler(s) Please Print & Sign				Shipment Method		Required Turnaround Time: (Check Box)			Other		Results Due Date:							
						<input checked="" type="checkbox"/> Std 10 WK Days <input type="checkbox"/> 5 WK Days <input type="checkbox"/> 2 WK Days <input type="checkbox"/> 24 Hour												
Relinquished by:		Date: 5/31/11	Time: 1600	Received by:			Notes: 10 Day TAT.											
Relinquished by:		Date:	Time:	Received by (Laboratory):			Cooler ID		Cooler Temp.		QC Package: (Check One Box Below)							
Logged by (Laboratory):		Date:	Time:	Checked by (Laboratory):							<input checked="" type="checkbox"/> Level II Std QC <input type="checkbox"/> TRRP Check List <input type="checkbox"/> Level III Std QC/Raw Data <input type="checkbox"/> TRRP Level IV <input type="checkbox"/> Level IV SW846/CLP <input type="checkbox"/> Other / EDD							
Preservative Key: 1-HCl 2-HNO <sub>3</sub> 3-H <sub>2</sub> SO <sub>4</sub> 4-NaOH 5-Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 6-NaHSO <sub>4</sub> 7-Other 8-4°C 9-5035																		

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COC ID: 33505

**ALS Environmental**  
3352 128th Ave.  
Holland, MI 49424-9263  
Tel: +1 616 399 6070  
Fax: +1 616 399 6185

Customer Information		Project Information		ALS Project Manager: _____ ALS Work Order #: 1106513 Parameter/Method Request for Analysis													
Purchase Order		Project Name	Lovington Paddock #50	A	Anions (300) Cl												
Work Order		Project Number	073817	B	Moisture												
Company Name	Cone-stoga-Rovers & Associates	Bill To Company	Conestoga-Rovers & Associates	C													
Send Report To	James Ornelas	Invoice Attn	James Ornelas	D													
Address	6320 Rothway Ste. 100	Address	6320 Rothway, Suite 100	E													
City/State/Zip	Houston, TX 77040	City/State/Zip	Houston, TX 77040	F													
Phone	(713) 734-3090	Phone	(713) 734-3090	G													
Fax	(713) 264-6138	Fax	(713) 734-3391	H													
e-Mail Address		e-Mail Address		I													
J																	
No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	LPV#59 SB-4 34'-35'	5/26/11	1702				X	X	HOLD	-	-	-	-	-	-	-	X
2	LPV#59 SB-4 39'-40'	5/26/11	1704				X	X	HOLD	-	-	-	-	-	-	-	X
3	LPV#59 SB-5 4'-5'	11 11	1720				X	X									
4	LPV#59 SB-5 9'-10'	11 11	1722				X	X									
5	LPV#59 SB-5 14'-15'	11 11	1724				X	X									
6	LPV#59 SB-5 14'-26'	11 11	1726				X	X									
7	LPV#59 SB-5 24'-25'	11 11	1728						HOLD	-	-	-	-	-	-	-	X
8	LPV#59 SB-5 29'-30'	11 11	1730						HOLD	-	-	-	-	-	-	-	X
9	LPV#59 SB-5 34'-35'	11 11	1732						HOLD	-	-	-	-	-	-	-	X
10	LPV#59 SB-5 39'-40'	11 11	1734						HOLD	-	-	-	-	-	-	-	X
Sampler(s) Please Print & Sign				Shipment Method		Required Turnaround Time: (Check Box)				Other		Results Due Date:					
						<input checked="" type="checkbox"/> Std 10 WK Days <input type="checkbox"/> 5 WK Days <input type="checkbox"/> 2 WK Days <input type="checkbox"/> 24 Hour											
Relinquished by:	Date: 5/31/11	Time: 1600	Received by:					Notes: 10 Day TAT.									
Relinquished by:	Date:	Time:	Received by (Laboratory):					Cooler ID	Cooler Temp.	QC Package: (Check One Box Below)							
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):							<input checked="" type="checkbox"/> Level I Std QC	<input type="checkbox"/> TRRP CheckList						
										<input type="checkbox"/> Level II Std QC/Raw Data	<input type="checkbox"/> TRRP Level IV						
										<input type="checkbox"/> Level IV SW846/CLP							
										<input type="checkbox"/> Other / ECD							
Preservative Key: 1-HCl 2-HNO <sub>3</sub> 3-H <sub>2</sub> SO <sub>4</sub> 4-NaOH 5-Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 6-NaHSO <sub>4</sub> 7-Other 8-4°C 9-5035																	

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# ALS Environmental

## Sample Receipt Checklist

Client Name: CRA-MID

Date/Time Received: 01-Jun-11 09:00

Work Order: 1106023

Received by: RDH

Checklist completed by Raymond N Gamboa  
eSignature

01-Jun-11

Reviewed by:

Patricia L. Lynch

02-Jun-11

eSignature

Matrices: Soil  
Carrier name: FedEx

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temperature(s)/Thermometer(s):	<u>2.6c, 3.1c</u>	<u>002</u>	
Cooler(s)/Kit(s):	<u>3414, 7074</u>		
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted by:			

Login Notes:

---

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

CorrectiveAction:

\* THIS PORTION CAN BE REMOVED FOR RECIPIENT'S RECORDS.

56111 FedEx Tracking Number 874196691552

Order's me Jamie D'Amato Phone \_\_\_\_\_

Company CRA

Address 2125 S Loop 280 West Dept/Room 100

Midland State TX ZIP 79307

Our Internal Billing Reference \_\_\_\_\_

1106023

<b>ALS Environmental</b> 10450 Stancliff Rd., Suite 210 Houston, Texas 77099 Tel. +1 281 530 5656 Fax. +1 281 530 5887	Date: _____ Name: _____ Company: _____	<b>CUSTODY SEAL</b> <u>3414</u> Time: _____ <u>JO</u>	Seal Broken By: <u>JK</u> Date: <u>6/16</u>
--	--	---	--

PRIORITY OVERNIGHT WED  
 Env# 790085 00:44 01JUN11  
 Trk# 7955 3855 7709 FORM 0681  
 77099 -TX-US IAH Deliver By:  
**43 SGRA** 01JUN11



<b>ALS Environmental</b> 10450 Stancliff Rd., Suite 210 Houston, Texas 77099 Tel. +1 281 530 5656 Fax. +1 281 530 5887	Date: _____ Name: _____ Company: _____
--	--

<b>CUSTODY SEAL</b> <u>1174</u> Date: _____ Time: _____ <u>JO</u>	Seal Broken By: <u>JK</u> Date: <u>6/16</u>
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