



G+Jul-2012

Brian Dodek
LT Environmental
4600 West 60th Avenue
Arvada, CO 80003

Tel: (303) 962-5535
Fax: (303) 433-1432

Re: Werner Pad - 027311040

Work Order: **1207153**

Dear Brian,

ALS Environmental received 4 samples on 05-Jul-2012 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 12.

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

Sincerely,

A handwritten signature in cursive script that reads "Patricia L. Lynch".

Electronically approved by: Jumoke M. Lawal

Patricia L. Lynch
Project Manager



Certificate No: T104704231-09A-TX

Client: LT Environmental
Project: Werner Pad - 027311040
Work Order: 1207153

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>
1207153-01	BG01	Soil		6/29/2012 13:45	7/5/2012 09:00	<input type="checkbox"/>
1207153-02	BG02	Soil		6/29/2012 14:00	7/5/2012 09:00	<input type="checkbox"/>
1207153-03	BG03	Soil		6/29/2012 14:10	7/5/2012 09:00	<input type="checkbox"/>
1207153-04	BG04	Soil		6/29/2012 14:20	7/5/2012 09:00	<input type="checkbox"/>

ALS Environmental

Date: 23-Jul-12

Client: LT Environmental
Project: Werner Pad - 027311040
Work Order: 1207153

Case Narrative

No exceptions

ALS Environmental

Date: 23-Jul-12

Client: LT Environmental
Project: Werner Pad - 027311040
Sample ID: BG01
Collection Date: 6/29/2012 01:45 PM

Work Order: 1207153
Lab ID: 1207153-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS			SW6020		Prep Date: 7/11/2012	Analyst: ALR
Arsenic	3.61		0.438	mg/Kg	1	7/12/2012 04:40 AM

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

ALS Environmental

Date: 23-Jul-12

Client: LT Environmental
Project: Werner Pad - 027311040
Sample ID: BG02
Collection Date: 6/29/2012 02:00 PM

Work Order: 1207153
Lab ID: 1207153-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS			SW6020		Prep Date: 7/11/2012	Analyst: ALR
Arsenic	9.81		0.443	mg/Kg	1	7/12/2012 04:44 AM

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

ALS Environmental

Date: 23-Jul-12

Client: LT Environmental
Project: Werner Pad - 027311040
Sample ID: BG03
Collection Date: 6/29/2012 02:10 PM

Work Order: 1207153
Lab ID: 1207153-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS			SW6020		Prep Date: 7/11/2012	Analyst: ALR
Arsenic	5.61		0.471	mg/Kg	1	7/12/2012 04:57 AM

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

ALS Environmental

Date: 23-Jul-12

Client: LT Environmental
Project: Werner Pad - 027311040
Sample ID: BG04
Collection Date: 6/29/2012 02:20 PM

Work Order: 1207153
Lab ID: 1207153-04
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS			SW6020		Prep Date: 7/11/2012	Analyst: ALR
Arsenic	3.97		0.449	mg/Kg	1	7/12/2012 05:02 AM

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

ALS Environmental

Date: 23-Jul-12

Client: LT Environmental
Work Order: 1207153
Project: Werner Pad - 027311040

QC BATCH REPORT

Batch ID: **62538** Instrument ID **ICPMS03** Method: **SW6020**

MBLK	Sample ID: MBLKS1-071112-62538				Units: mg/Kg		Analysis Date: 7/11/2012 06:02 PM			
Client ID:	Run ID: ICPMS03_120711A			SeqNo: 2855038		Prep Date: 7/11/2012		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.50								

LCS	Sample ID: MLCSS1-071112-62538				Units: mg/Kg		Analysis Date: 7/11/2012 06:06 PM			
Client ID:	Run ID: ICPMS03_120711A			SeqNo: 2855039		Prep Date: 7/11/2012		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	9.2	0.50	10	0	92	80-120	0			

MS	Sample ID: 1207212-05BMS				Units: mg/Kg		Analysis Date: 7/12/2012 07:56 AM			
Client ID:	Run ID: ICPMS03_120711A			SeqNo: 2855835		Prep Date: 7/11/2012		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	13.75	0.45	9.078	5.551	90.3	75-125	0			

MSD	Sample ID: 1207212-05BMSD				Units: mg/Kg		Analysis Date: 7/12/2012 08:00 AM			
Client ID:	Run ID: ICPMS03_120711A			SeqNo: 2855837		Prep Date: 7/11/2012		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	14.02	0.45	8.949	5.551	94.7	75-125	13.75	1.95	25	

DUP	Sample ID: 1207212-05BDUP				Units: mg/Kg		Analysis Date: 7/12/2012 07:47 AM			
Client ID:	Run ID: ICPMS03_120711A			SeqNo: 2855831		Prep Date: 7/11/2012		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	5.481	0.46	0	0	0	0-0	5.551	1.28	25	

The following samples were analyzed in this batch:

1207153-01A	1207153-02A	1207153-03A
1207153-04A		

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

Client: LT Environmental
Project: Werner Pad - 027311040
WorkOrder: 1207153

**QUALIFIERS,
ACRONYMS, UNITS**

<u>Qualifier</u>	<u>Description</u>
*	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

<u>Acronym</u>	<u>Description</u>
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

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



ALS Laboratory Group

CHAIN OF CUSTODY

Failure to complete all section of this form may delay analysis.

1207153

LT ENVIRONMENTAL: LT Environmental

Project: Werner Pad - 027311040



CLIENT CONTACT AND REPORTING INFORMATION		PROJECT INFORMATION		ANALYSIS INFORMATION		REMARKS	
Company Name:	LT Environmental, Inc	Project ID:	027311040	Matrix:		Date:	
Project Manager:	Brian Dodek	Site:	Werner Pad	Slips:		To:	
Address:	820 Megan Ave Unit B	PO No.:					
City:	Rifle, CO 81650	ALS Quote No.:					
Phone:	970.285.9985						
Email 1:	bdodek@ltenv.com						
Email 2:	rfishburn@ltenv.com						
<input checked="" type="checkbox"/> Regular (default) <input type="checkbox"/> Express (Pls specify date required _____) (express fee will apply)							
ALS ID #	SAMPLE IDENTIFICATION (pls use original paper copy)	DATE	SLIPS	TO	REMARKS	NO. OF COOLER RECEIVED	DATE AND TIME
BG01	S	6/29/2012	1345	1	X	1	
BG02	S	6/29/2012	1400	1	X	1	
BG03	S	6/29/2012	1410	1	X	1	
BG04	S	6/29/2012	1420	1	X	1	
Client's Signature: <i>Brian Dodek</i> Client's Date and Time of Completion: 7/2/12 1000							
Note: (S) DW (Drinking water), SW (Surface water), GW (Ground water), WW (Waste water), S (Soil), SL (Sludge), SE (Sediment), OS (Other solid material)							
ALS Technichem (HK) Pty Ltd Address: 11/F, Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong Tel: +852 2610 1044 Fax: +852 2610 2021 Email: HongKong@alsglobal.com							

Received by: *[Signature]* 7/5/12 @ 09:00
Committed by: *[Signature]*

For lab use only

Carton / cooler box: *[Signature]*
Cooler Name: *[Signature]*

1201153

FEDEX Express **NEW Package US Airbill**

FedEx Tracking Number

8001 2142 2796

0200

Recipient's Copy

011
09 7/12/12

Sender's Name: Sarah Gonzalez Phone: 409-255-5083

Company: Lab Hub LLC

Address: 100 E 15th Street Dept./Floor/Suite/Room

City: Houston State: TX ZIP: 77005

Internal Billing Reference

Recipient's Name: MS Gibson Phone: 281-430-5656

Company: AIC - Houston

Address: 14405 Southwest Blvd Suite 210 Dept./Floor/Suite/Room

Address: (line for HOLD location address or for continuation of your shipping address.)

City: Houston State: TX ZIP: 77040-4338

HOLD Weekday
FedEx location address REQUIRED. NOT available for FedEx First Overnight.

HOLD Saturday
FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.



8001 2142 2796

4 Express Package Service *To most locations. NOTE: Service order has changed. Please select carefully. Packages up to 150 lbs. For packages over 150 lbs., use the new FedEx Express Freight US Airbill.

- Next Business Day**
- FedEx First Overnight**
Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
 - FedEx Priority Overnight**
Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
 - FedEx Standard Overnight**
Next business afternoon.* Saturday Delivery NOT available.
- 2 or 3 Business Days**
- NEW FedEx 2Day A.M.**
Second business morning.* Saturday Delivery NOT available.
 - FedEx 2Day**
Second business afternoon.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
 - FedEx Express Saver**
Third business day.* Saturday Delivery NOT available.

5 Packaging *Declared value limit \$500.

- FedEx Envelope*
- FedEx Pak*
- FedEx Box
- FedEx Tube
- Other

6 Special Handling and Delivery Signature Options

- SATURDAY Delivery**
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.
 - No Signature Required**
Package may be left without obtaining a signature for delivery.
 - Direct Signature**
Someone at recipient's address may sign for delivery. Fee applies.
 - Indirect Signature**
If person is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.
- Does this shipment contain dangerous goods?**
- One box must be checked.
- No Yes As per attached Shipper's Declaration Yes Shipper's Declaration not required.
- Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.
- Dry Ice Dry Ice, 9, UN 1845 _____ x _____ kg
 - Cargo Aircraft Only

7 Payment: Bill to:

- Emer FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No.
- Sender Acct. No. in Section 1 will be billed.
 - Recipient
 - Third Party
 - Credit Card
 - Cash/Check

Total Packages: Total Weight Total Declared Value* Credit Card Auth#

*Our liability is limited to \$100 unless you declare a higher value. See the current FedEx Services Guide for details.



FEDEX.COM 1.800.460.FEDEX 1.800.463.3339

Lab Hub LLC CUS!
Date: 07-02
Signature: *Sarah*

TODY SEAL ANG
- 2012
[Signature]
7/5/12