



11-May-2012

James Moore
Los Alamos Technical Associates, Inc.
756 Park Meadow Road
Westerville, OH 43081

Tel: (614) 508-1200
Fax: (614) 508-1201

Re: Lovers Lane Lead Removal/IL

Work Order: **1205230**

Dear James,

ALS Environmental received 3 samples on 09-May-2012 11:05 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.

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

The total number of pages in this report is 7.

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

Sincerely,

Jeff Ogle

Electronically approved by: Tiffany Black

Jeff Ogle
Organics Supervisor

ADDRESS 4388 Glendale Milford Rd Cincinnati, Ohio 45242- | PHONE (513) 733-5336 | FAX (513) 733-5347

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Environmental 

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RIGHT SOLUTIONS RIGHT PARTNER

Client: Los Alamos Technical Associates, Inc.
Project: Lovers Lane Lead Removal/IL
Work Order: 1205230

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>
1205230-01	C5A8-AS1-5812-1	Air		5/8/2012	5/9/2012 11:05	<input type="checkbox"/>
1205230-02	C5A8-AS2-5812-1	Air		5/8/2012	5/9/2012 11:05	<input type="checkbox"/>
1205230-03	C5A8-AS3-5812-1	Air		5/8/2012	5/9/2012 11:05	<input type="checkbox"/>

ALS Environmental

Date: 11-May-12

Client: Los Alamos Technical Associates, Inc.

Project: Lovers Lane Lead Removal/IL

Work Order: 1205230

Case Narrative

The sample condition upon receipt was acceptable except where noted.

Results relate only to the items tested and are not blank corrected unless indicated.

Client: Los Alamos Technical Associates, Inc.
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Analytical Results

Lab ID: 1205230-01A
Client Sample ID: C5A8-AS1-5812-1

Collection Date: 5/8/2012
Matrix: AIR

Analyses

METALS BY NIOSH 7300 MOD.		Method: N7300	Air Volume (L): 966.67	Analyst: VAW
Date Analyzed: 5/9/2012 14:13		Reporting Limit		
	µg/sample	µg/sample	mg/m3	
Lead	ND	1.0	<0.0010	

Lab ID: 1205230-02A
Client Sample ID: C5A8-AS2-5812-1

Collection Date: 5/8/2012
Matrix: AIR

Analyses

METALS BY NIOSH 7300 MOD.		Method: N7300	Air Volume (L): 568.64	Analyst: VAW
Date Analyzed: 5/9/2012 14:19		Reporting Limit		
	µg/sample	µg/sample	mg/m3	
Lead	ND	1.0	<0.0018	

Lab ID: 1205230-03A
Client Sample ID: C5A8-AS3-5812-1

Collection Date: 5/8/2012
Matrix: AIR

Analyses

METALS BY NIOSH 7300 MOD.		Method: N7300	Air Volume (L): 937.44	Analyst: VAW
Date Analyzed: 5/9/2012 14:25		Reporting Limit		
	µg/sample	µg/sample	mg/m3	
Lead	ND	1.0	<0.0011	

Note:

ALS Environmental

Date: 11-May-12

Client: Los Alamos Technical Associates, Inc.
Work Order: 1205230
Project: Lovers Lane Lead Removal/IL

QC BATCH REPORT

Batch ID: **11197** Instrument ID: **ICP1** Method: **N7300**

MBLK Sample ID: **mblk-11197-11197** Units: **µg/sample** Analysis Date: **5/9/2012 01:50 PM**

Client ID: Run ID: **ICP1_120509A** SeqNo: **430457** Prep Date: **5/9/2012** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	ND	1.0								

LCS Sample ID: **lcs-11197-11197** Units: **µg/sample** Analysis Date: **5/9/2012 02:02 PM**

Client ID: Run ID: **ICP1_120509A** SeqNo: **430459** Prep Date: **5/9/2012** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	20.72	1.0	20	0	104	80-120	0			

LCSD Sample ID: **lcsd-11197-11197** Units: **µg/sample** Analysis Date: **5/9/2012 02:08 PM**

Client ID: Run ID: **ICP1_120509A** SeqNo: **430460** Prep Date: **5/9/2012** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	20.12	1.0	20	0	101	80-120	20.72	2.94	20	

The following samples were analyzed in this batch:

1205230-01a	1205230-02a	1205230-03a
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

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WorkOrder: 1205230

**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
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>
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
SDL	Sample Detection Limit

<u>Units Reported</u>	<u>Description</u>
µg/sample	

Sample Receipt Checklist

Client Name: LOSALMOSTECH-WESTERVILL

Date/Time Received: 09-May-12 11:05

Work Order: 1205230

Received by: SJW

Checklist completed by: Steve Wilcox 09-May-12
eSignature Date

Reviewed by: Pam Johnson 09-May-12
eSignature Date

Matrices:

Carrier name: FedEx

Shipping container/cooler in good condition? Yes No Not Present

Custody seals intact on shipping container/cooler? Yes No Not Present

Custody seals intact on sample bottles? Yes No Not Present

Chain of custody present? Yes No

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

Temperature(s)/Thermometer(s):

Cooler(s)/Kit(s):

Water - VOA vials have zero headspace? Yes No No VOA vials submitted

Water - pH acceptable upon receipt? Yes No N/A

pH adjusted? Yes No N/A

pH adjusted by:

Login Notes: COC was not signed when relinquished.

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction: