



10-May-2012

Anne Hellie
URS Corporation
36 E. 7th St.; Suite 2300
Cincinnati, OH 45202-4434

Tel: 513-651-3440x3402
Fax: 513-651-3452

Re: Lovers Lane Lead Removal/IL

Work Order: **1205253**

Dear Anne,

ALS Environmental received 3 samples on 10-May-2012 10:01 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,

Chris Gibson

Electronically approved by: Rob Nieman

Chris Gibson
Project Manager

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: URS Corporation
Project: Lovers Lane Lead Removal/IL
Work Order: 1205253

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>
1205253-01	LL-AS-01	Air		5/9/2012	5/10/2012 10:01	<input type="checkbox"/>
1205253-02	LL-AS-02	Air		5/9/2012	5/10/2012 10:01	<input type="checkbox"/>
1205253-03	LL-AS-03	Air		5/9/2012	5/10/2012 10:01	<input type="checkbox"/>

ALS Environmental

Date: 10-May-12

Client: URS Corporation
Project: Lovers Lane Lead Removal/IL
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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.

ALS Environmental

Date: 10-May-12

Client: URS Corporation
Project: Lovers Lane Lead Removal/IL

Work Order: 1205253**Analytical Results****Lab ID:** 1205253-01A**Collection Date:** 5/9/2012**Client Sample ID:** LL-AS-01**Matrix:** AIR**Analyses**

METALS BY NIOSH 7300 MOD.		Method: N7300	Air Volume (L): 996	Analyst: VAW
Date Analyzed: 5/10/2012 14:00		Reporting Limit		
	µg/sample	µg/sample	mg/m3	
Lead	ND	1.0	<0.0010	

Lab ID: 1205253-02A**Collection Date:** 5/9/2012**Client Sample ID:** LL-AS-02**Matrix:** AIR**Analyses**

METALS BY NIOSH 7300 MOD.		Method: N7300	Air Volume (L): 980	Analyst: VAW
Date Analyzed: 5/10/2012 14:06		Reporting Limit		
	µg/sample	µg/sample	mg/m3	
Lead	ND	1.0	<0.0010	

Lab ID: 1205253-03A**Collection Date:** 5/9/2012**Client Sample ID:** LL-AS-03**Matrix:** AIR**Analyses**

METALS BY NIOSH 7300 MOD.		Method: N7300	Air Volume (L): 1020.9	Analyst: VAW
Date Analyzed: 5/10/2012 14:12		Reporting Limit		
	µg/sample	µg/sample	mg/m3	
Lead	ND	1.0	<0.00098	

Note:

ALS Environmental

Date: 10-May-12

Client: URS Corporation
Work Order: 1205253
Project: Lovers Lane Lead Removal/IL

QC BATCH REPORT

Batch ID: **11209** Instrument ID: **ICP3** Method: **N7300**

MBLK	Sample ID: mblk-11209-11209				Units: µg/sample		Analysis Date: 5/10/2012 01:37 PM			
Client ID:	Run ID: ICP3_120510B				SeqNo: 431268		Prep Date: 5/10/2012		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-11209-11209				Units: µg/sample		Analysis Date: 5/10/2012 01:49 PM			
Client ID:	Run ID: ICP3_120510B				SeqNo: 431270		Prep Date: 5/10/2012		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	21.48	1.0	20	0	107	80-120	0			

LCSD	Sample ID: lcsd-11209-11209				Units: µg/sample		Analysis Date: 5/10/2012 01:54 PM			
Client ID:	Run ID: ICP3_120510B				SeqNo: 431271		Prep Date: 5/10/2012		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	21.06	1.0	20	0	105	80-120	21.48	1.97	20	

The following samples were analyzed in this batch:

1205253-01a	1205253-02a	1205253-03a
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: URS Corporation
Project: Lovers Lane Lead Removal/IL
WorkOrder: 1205253

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: **URS-CINCINNATI**

Date/Time Received: **10-May-12 10:01**

Work Order: **1205253**

Received by: **SJW**

Checklist completed by: **Mariann Welch**

10-May-12

Reviewed by: **Steve Wilcox**

10-May-12

eSignature

Date

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:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

CorrectiveAction: