

# Laboratory Analysis Report

Total Number of Pages: 6

Job ID : 16110434



10100 East Freeway, Suite 100, Houston, TX 77029 tel: 713-453-6060, fax: 713-453-6091, <http://www.ablabs.com>

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**Client Project Name :**  
**Youens Elementary School - 12141 High Star, 77072**

**Report To :** Client Name: Alief ISD P.O.#.: B014952  
Attn: Jesse Gonzalez Sample Collected By: Jose L. Hernandez  
Client Address: P.O BOX 68 Date Collected: 11/08/16  
City, State, Zip: Alief, Texas, 77411

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**A&B Labs has analyzed the following samples...**

Client Sample ID	Matrix	A&B Sample ID
C-107	Drinking Water	16110434.01

*Shantall Carpenter*

Released By: Shantall Carpenter  
Title: Senior Project Manager  
Date: 11/11/2016



This Laboratory is NELAP (T104704213-16-14) accredited. Effective: 04/01/2016; Expires: 03/31/2017

Scope: Non-Potable Water, Drinking Water, Air, Solid, Biological Tissue, Hazardous Waste

I am the laboratory manager, or his/her designee, and I am responsible for the release of this data package. This laboratory data package has been reviewed and is complete and technically compliant with the requirements of the methods used, except where noted in the attached exception reports. I affirm, to the best of my knowledge that all problems/anomalies observed by this laboratory (and if applicable, any and all laboratories subcontracted through this laboratory) that might affect the quality of the data, have been identified in the Laboratory Review Checklist, and that no information or data have been knowingly withheld that would affect the quality of the data.

This report cannot be reproduced, except in full, without prior written permission of A&B Labs. Results shown relate only to the items tested. Samples are assumed to be in acceptable condition unless otherwise noted. Blank correction is not made unless otherwise noted. Air concentrations reported are based on field sampling information provided by client. Soil samples are reported on a wet weight basis unless otherwise noted. Uncertainty estimates are available on request.

Date Received : 11/08/2016 12:00



Job ID : 16110434

Date : 11/11/2016

CLIENT Name : Alief ISD

ATTN : Jesse Gonzalez

PROJECT Name : Youens Elementary School - 12141 High Star, 77072

Method	ClientSampleID Parameter	Result	Units	Matrix	D.F	Rpt Limit	Reg Limit	Collection DateTime	Analysis DateTime	Analyst	SampleID	Q
EPA 200.8	<b>C-107 Metals by ICP-MS</b> Lead	0.0046	mg/L	Drinking Water	1	0.0004	0.015	11/08/16 06:00	11/09/16 17:52	GG	16110434.01	



LABORATORY QUALITY CONTROL CERTIFICATE

A&B Job ID : 16110434

Date : 11/11/2016

QCType: LCS and LCSD												
Parameter	Method		Spike Added	LCS Result	LCSD Result	LCS Rec %	LCSD Rec %	RPD	% RPD CLimits	% Rec CLimits	QCBatchID	Qual
Lead	EPA 200.8		0.05	0.0497	0.0497	99.4	99.4	0.0	20	85-115	Qb16111039	

QCType: MS and MSD													
Parameter	Method	Sample Result	Spike Added	MS Result	MSD Result	MS Rec %	MSD Rec %	RPD	% RPD CLimits	% Rec CLimits	QCBatchID	QCSampleID	Qual
Lead	EPA 200.8	0.0014	0.1	0.1029		101				75-125	Qb16111039	16110435.01	

QCType: Method Blank												
Parameter	Method	CAS #	Result	Units	D.F.	Rpt Limit					QCBatchID	Qual
Lead	EPA 200.8	7439-92-1	BRL	mg/L	1	0.0004					Qb16111039	

LABORATORY TERM AND QUALIFIER DEFINITION REPORT



Job ID : 16110434

Date: 11/11/2016

General Term Definition

Back-Wt	Back Weight	Post-Wt	Post Weight
BRL	Below Reporting Limit	ppm	parts per million
cfu	colony-forming units	Pre-Wt	Previous Weight
Conc.	Concentration	Q	Qualifier
D.F.	Dilution Factor	RegLimit	Regulatory Limit
Front-Wt	Front Weight	RPD	Relative Percent Difference
LCS	Laboratory Check Standard	RptLimit	Reporting Limit
LCSD	Laboratory Check Standard Duplicate	SDL	Sample Detection Limit
MS	Matrix Spike	surr	Surrogate
MSD	Matrix Spike Duplicate	T	Time
MW	Molecular Weight	TNTC	Too numerous to count

Qualifier Definition

**ab**  
LABS

10100 East Fwy (I-10)  
Suite 100  
Houston, TX 77029  
713-453-6060  
1-877-478-6060 Toll Free  
713-453-6091 Fax  
ablabs.com

A&B JOB ID # 16110434

5. Project #

1. REPORT TO:  
Company: Alicia I.S.D  
Address: 12135 1/2 High Star Houston Tx 77072  
Contact: Jesse Gonzalez  
Phone: 281 808-1399  
Fax: 281 498-0747  
E-mail: jesse.gonzalez@aliciisd.net

2. INVOICE TO:  
Company: Alicia I.S.D  
Address: 12135 1/2 High Star Houston, Tx 77072  
Contact: Jesse Gonzalez  
Phone: 281 808-1399  
Fax: 281 498-0747  
E-mail: jesse.gonzalez@aliciisd.net

3. PO #  
3a. A&B Quote #  
4. Turnaround Time (Business Days)  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 7 Days - Standard  
\*Surcharge applies

6. Project Name/Location  
Yovens Elementary School 12141 High Star 77072

7. Reporting Requirement:  
 TRRP Limits only  TRRP Rpt. Package  See Attached  Standard Level II  PST  MDL  EDD

8. Sampler's Name & Company (PLEASE PRINT)  
Jose L. Hernandez Alicia I.S.D Sampler's Signature & Date [Signature] 11-8-16

13. No. of Containers

14. Containers*	
15. Preservatives**	
16. PH-Lab Only	
17.	

Analyses/Methods  
Lead

9. Sample ID and Description  
OIA C-107

10. Sampling Matrix

Date	Time 24hr	Comp.	Grab	Water	Soil	Sludge	Oil	Drinking Water	Air	Other
<u>11-8-16</u>	<u>6:00</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							

18. REMARKS

19. RELINQUISHED BY [Signature]

DATE	TIME	20. RECEIVED BY	DATE	TIME	21. KNOWN HAZARDS/COMMENTS
<u>11-08-16</u>	<u>1200</u>	<u>[Signature]</u>	<u>11-08-16</u>	<u>1200</u>	<u>NO</u>

Temperature: 22.0 °C  
Thermometer ID AR  
Intact Y or N Y Initials AR  
A&B cannot accept verbal changes  
Please FAX written changes to 713-453-6091

\*Containers: VOA - 40 ml vial  
4 oz/8 oz - glass wide mouth  
P/O - Plastic/other

A/G - Amber/Glass 1 Liter  
P/O - Plastic/other

METHOD OF SHIPMENT

LAB USE ONLY SAMPLING RENTAL PU Supplies Field Work



# Sample Condition Checklist

A&B JobID : <b>16110434</b>	Date Received : <b>11/08/2016</b>	Time Received : <b>12:00PM</b>																										
Client Name : <b>Alief ISD</b>																												
Temperature : <b>22.0°C</b>	Sample pH : <b>&lt;2</b>																											
Thermometer ID : <b>n/a</b>	pH Paper ID : <b>67279</b>																											
<b>Check Points</b>																												
<b>1.</b>	<b>Cooler seal present and signed.</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>																								
<b>2.</b>	<b>Sample(s) in a cooler.</b>		X																									
<b>3.</b>	<b>If yes, ice in cooler.</b>			X																								
<b>4.</b>	<b>Sample(s) received with chain-of-custody.</b>	X																										
<b>5.</b>	<b>C-O-C signed and dated.</b>	X																										
<b>6.</b>	<b>Sample(s) received with signed sample custody seal.</b>		X																									
<b>7.</b>	<b>Sample containers arrived intact. (If no comment).</b>	X																										
<b>8.</b>	<table style="width: 100%; border: none;"> <tr> <td style="width: 10%;"><b>Matrix</b></td> <td style="width: 10%;"><b>Water</b></td> <td style="width: 10%;"><b>Soil</b></td> <td style="width: 10%;"><b>Liquid</b></td> <td style="width: 10%;"><b>Sludge</b></td> <td style="width: 10%;"><b>Solid</b></td> <td style="width: 10%;"><b>Cassette</b></td> <td style="width: 10%;"><b>Tube</b></td> <td style="width: 10%;"><b>Bulk</b></td> <td style="width: 10%;"><b>Badge</b></td> <td style="width: 10%;"><b>Food</b></td> <td style="width: 10%;"><b>Other</b></td> </tr> <tr> <td>:</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table>	<b>Matrix</b>	<b>Water</b>	<b>Soil</b>	<b>Liquid</b>	<b>Sludge</b>	<b>Solid</b>	<b>Cassette</b>	<b>Tube</b>	<b>Bulk</b>	<b>Badge</b>	<b>Food</b>	<b>Other</b>	:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
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<b>9.</b>	<b>Sample(s) were received in appropriate container(s).</b>	X																										
<b>10.</b>	<b>Sample(s) were received with proper preservative</b>	X																										
<b>11.</b>	<b>All samples were logged or labeled.</b>	X																										
<b>12.</b>	<b>Sample ID labels match C-O-C ID's</b>	X																										
<b>13.</b>	<b>Bottle count on C-O-C matches bottles found.</b>	X																										
<b>14.</b>	<b>Sample volume is sufficient for analyses requested.</b>	X																										
<b>15.</b>	<b>Samples were received within the hold time.</b>	X																										
<b>16.</b>	<b>VOA vials completely filled.</b>			X																								
<b>17.</b>	<b>Sample accepted.</b>	X																										
<b>18.</b>	<b>Has client been contacted about sub-out</b>			X																								
<b>Comments : Include actions taken to resolve discrepancies/problem:</b>																												

Received by : AReyes

Check in by/date : AReyes / 11/08/2016