

Apex Labs

12232 S.W. Garden Place
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Thursday, October 13, 2016

Robyn Stolin
Hope Charter School
3500 SW 104th Ave
Beaverton, OR 97005

RE: Lead Drinking Water / [none]

Enclosed are the results of analyses for work order A610954, which was received by the laboratory on 9/30/2016 at 10:38:00AM.

Thank you for using Apex Labs. We appreciate your business and strive to provide the highest quality services to the environmental industry.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: ldomenighini@apex-labs.com, or by phone at 503-718-2323.

Apex Laboratories



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Lisa Domenighini, Client Services Manager

Hope Charter School
3500 SW 104th Ave
Beaverton, OR 97005

Project: **Lead Drinking Water**
Project Number: [none]
Project Manager: Robyn Stolin

Reported:
10/13/16 11:23

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Classroom 6 Stub 003	A6I0954-01	Drinking Water	09/30/16 08:20	09/30/16 10:38
Lunch Prep Sink 004	A6I0954-02	Drinking Water	09/30/16 08:25	09/30/16 10:38
Basement Fountain 005	A6I0954-03	Drinking Water	09/30/16 08:30	09/30/16 10:38

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Hope Charter School 3500 SW 104th Ave Beaverton, OR 97005	Project: Lead Drinking Water Project Number: [none] Project Manager: Robyn Stolin	Reported: 10/13/16 11:23
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ANALYTICAL SAMPLE RESULTS

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes
Classroom 6 Stub 003 (A6I0954-01RE1)			Matrix: Drinking Water					
Batch: 6091195								
Lead	1.43	---	0.200	ug/L	1	10/01/16 14:44	EPA 200.8	
Lunch Prep Sink 004 (A6I0954-02)			Matrix: Drinking Water					
Batch: 6091195								
Lead	0.419	---	0.200	ug/L	1	10/01/16 14:37	EPA 200.8	
Basement Fountain 005 (A6I0954-03)			Matrix: Drinking Water					
Batch: 6100399								
Lead	10.5	---	0.200	ug/L	1	10/11/16 14:19	EPA 200.8	DW-D



Hope Charter School 3500 SW 104th Ave Beaverton, OR 97005	Project: Lead Drinking Water Project Number: [none] Project Manager: Robyn Stolin	Reported: 10/13/16 11:23
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QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6091195 - Matrix Matched Direct Inject						Drinking Water						
Blank (6091195-BLK1)						Prepared: 09/30/16 18:30 Analyzed: 10/01/16 13:43						
EPA 200.8												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	---
LCS (6091195-BS1)						Prepared: 09/30/16 18:30 Analyzed: 10/01/16 13:45						
EPA 200.8												
Lead	16.9	---	0.200	ug/L	1	16.7	---	101	85-115%	---	---	---
Matrix Spike (6091195-MS2)						Prepared: 09/30/16 18:30 Analyzed: 10/01/16 14:46						
QC Source Sample: Lunch Prep Sink 004 (A610954-02)												
EPA 200.8												
Lead	15.5	---	0.200	ug/L	1	16.7	0.419	90	70-130%	---	---	---
Batch 6100399 - EPA 3015A						Drinking Water						
Blank (6100399-BLK1)						Prepared: 10/10/16 11:50 Analyzed: 10/11/16 14:12						
EPA 200.8												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	---
LCS (6100399-BS1)						Prepared: 10/10/16 11:50 Analyzed: 10/11/16 14:13						
EPA 200.8												
Lead	16.0	---	0.200	ug/L	1	16.7	---	96	85-115%	---	---	---



Hope Charter School 3500 SW 104th Ave Beaverton, OR 97005	Project: Lead Drinking Water Project Number: [none] Project Manager: Robyn Stolin	Reported: 10/13/16 11:23
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SAMPLE PREPARATION INFORMATION

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Prep: EPA 3015A						Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor	
Batch: 6100399								
A610954-03	Drinking Wa	EPA 200.8	09/30/16 08:30	10/10/16 11:50	45mL/50mL	45mL/50mL	1.00	
Prep: Matrix Matched Direct Inject						Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor	
Batch: 6091195								
A610954-01RE1	Drinking Wa	EPA 200.8	09/30/16 08:20	09/30/16 18:30	45mL/50mL	45mL/50mL	1.00	
A610954-02	Drinking Wa	EPA 200.8	09/30/16 08:25	09/30/16 18:30	45mL/50mL	45mL/50mL	1.00	

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Project: **Lead Drinking Water**
Project Number: [none]
Project Manager: Robyn Stolin

Reported:
10/13/16 11:23

Notes and Definitions

Qualifiers:

DW-D Turbidity greater than 1 NTU. Sample was digested per EPA Method 200.8.

Notes and Conventions:

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis. Results listed as 'wet' or without 'dry' designation are not dry weight corrected.

RPD Relative Percent Difference

MDL If MDL is not listed, data has been evaluated to the Method Reporting Limit only.

WMSC Water Miscible Solvent Correction has been applied to Results and MRLs for volatiles soil samples per EPA 8000C.

Batch QC Unless specifically requested, this report contains only results for Batch QC derived from client samples included in this report. All analyses were performed with the appropriate Batch QC (including Sample Duplicates, Matrix Spikes and/or Matrix Spike Duplicates) in order to meet or exceed method and regulatory requirements. Any exceptions to this will be qualified in this report. Complete Batch QC results are available upon request. In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) is analyzed to demonstrate accuracy and precision of the extraction and analysis.

Blank Policy Apex assesses blank data for potential high bias down to a level equal to 1/2 the method reporting limit (MRL), except for conventional chemistry and HCID analyses which are assessed only to the MRL. Sample results flagged with a B or B-02 qualifier are potentially biased high if they are less than ten times the level found in the blank for inorganic analyses or less than five times the level found in the blank for organic analyses.

For accurate comparison of volatile results to the level found in the blank; water sample results should be divided by the dilution factor, and soil sample results should be divided by 1/50 of the sample dilution to account for the sample prep factor.

Results qualified as reported below the MRL may include a potential high bias if associated with a B or B-02 qualified blank. B and B-02 qualifications are not applied to J qualified results reported below the MRL.

--- QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

*** Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).



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CHAIN OF CUSTODY

APEX LABS Lab # AL610954 COC # _____ of _____

12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

Company: <u>Hope Charter School</u>		Project Mgr: _____		Project Name: <u>Lead water Test</u>		Project # _____	
Address: <u>3500 SW 104th Ave Beaverton, OR 97005</u>		Phone: <u>503 313 0933</u>		Fax: _____		Email: <u>RAY-hoy@apexlabs.com</u>	
Sampled by: <u>Ray Hoy</u>		Site Location: <input checked="" type="radio"/> OR <input type="radio"/> WA		Other: _____		ANALYSIS REQUEST	
SAMPLE ID		DATE		TIME		MATRIX	
1 Classroom 6 Stub 003		9/30/16		8:20		1	
2 Lunch Prep Sink 004		9/30/16		8:25		1	
3 Basement Fountain 005		9/30/16		8:30		1	
4							
5							
6							
7							
8							
9							
10							
Normal Turn Around Time (TAT) = 10 Business Days				YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			
TAT Requested (circle)		1 Day		2 Day		3 Day	
		4 DAY		5 DAY		Other: _____	
RECEIVED BY: _____				RECEIVED BY: _____			
Signature: <u>Ray Hoy</u>		Date: <u>9/30/16</u>		Signature: <u>Charis Hefner</u>		Date: <u>9/30/16</u>	
Printed Name: <u>Ray Hoy</u>		Time: <u>8:45</u>		Printed Name: <u>Charis Hefner</u>		Time: <u>10:32</u>	
Company: _____		Company: <u>Apex</u>		Company: _____		Company: _____	

SPECIAL INSTRUCTIONS: _____

Apex Laboratories

Lisa Domenighini

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