



Trace Analytical Laboratories, Inc.
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State of Michigan Laboratory ID: 8001

March 15, 2017

Mr. Stephen King
 Birmingham Public Schools
 2305 Cole Street
 Birmingham, MI 48009

PROJECT: Seaholm

TRACE ID: T17B408-01

Sample Point Description	Collected	Collected By	Received at Laboratory			
S-244-Bottle	2/25/17 7:55	twb	2/27/17 8:48			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.45 mg/L	1.3	3/13/17 7:33	3/14/17 18:03	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	3/13/17 7:33	3/14/17 18:03	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T17B408-02

Sample Point Description	Collected	Collected By	Received at Laboratory			
S-276-BF	2/25/17 8:00	twb	2/27/17 8:48			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	1.4 mg/L	1.3	3/13/17 7:33	3/15/17 11:36	dtm	EPA 200.8 Rev. 5.4
Lead	0.0059 mg/L	0.015	3/13/17 7:33	3/14/17 18:06	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T17B408-03

Sample Point Description	Collected	Collected By	Received at Laboratory			
S-278-BF	2/25/17 8:01	twb	2/27/17 8:48			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.38 mg/L	1.3	3/13/17 7:33	3/14/17 18:08	dtm	EPA 200.8 Rev. 5.4
Lead	0.0048 mg/L	0.015	3/13/17 7:33	3/14/17 18:08	dtm	EPA 200.8 Rev. 5.4

* The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.

Jon Mink
 Senior Project Manager

State of Michigan Laboratory ID: 8001

March 15, 2017

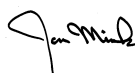
Mr. Stephen King
Birmingham Public Schools
2305 Cole Street
Birmingham, MI 48009

PROJECT: Seaholm

TRACE ID: T17B408-04

<i>Sample Point Description</i>	<i>Collected</i>		<i>Collected By</i>		<i>Received at Laboratory</i>	
S-307-Bottle	2/25/17	7:57	twb		2/27/17	8:48
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.41 mg/L	1.3	3/13/17 7:33	3/14/17 18:11	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	3/13/17 7:33	3/14/17 18:11	dtm	EPA 200.8 Rev. 5.4

* The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.



Jon Mink
Senior Project Manager



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Birmingham Schools Fixture Inventory

Page 1 of 1

Building: Seaholm

Date Collected: 2/25/17
 Sampler's Initials: TWP

Trace ID: T17B408
 Logged by: TS
 Checked by: ELJ

Trace No.	Time Taken	Sample Point	Location	Photo(s)	Aerator?	Connecting Plumbing	Notes
1	7:55	S-244-Bottle	Main Office	2217	N	Unknown	
2	8:00	S-276-BF	Dressing Rm 1	2245	Y	Br, Cu	
3	8:01	S-278-BF	Dressing Rm 2- Left	2247	Y	Br, Cu	
4	7:57	S-307-Bottle	Cafeteria	2288	N	Unknown	

Abbreviations:

B= Classroom Bubbler
 BF= Bathroom Faucet
 Bottle= Bottle Filler
 CF= Classroom Faucet
 DF= Drinking Fountain
 DS= Deep Sink
 EW= Eye Wash
 HS= Hand Sink
 KF= Kitchen Faucet

Connecting Plumbing:

Br= Brass
 Cu= Copper
 G= Galvanized
 P= Plastic
 SS= Stainless Steel

Released by: Tom B Received by: JSD Date: 2/27/17 Time: 8:48



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SAMPLE LOG IN CHECKLIST

Trace ID #: TMB408 Date: 2/27/17 Package Description: Cooler Temperature: 16.7
Client Name: Birmingham Schools Time: 8:48 Logged in by: JS

Cooler Receipt
Cooler/samples delivered by: Trace courier [X]
Hand delivered []
Commercial courier []
Tracking Number: [X] Not Applicable
COC Seals present and intact on cooler? No [] Yes []
Custody seals signed by Client? No [] Yes []

Coolant and Temperature
Type of Coolant Used: Slurry w/ crushed, cubed, or chip ice? []
Multiple bags of ice around samples? []
Ice Packs/ Blue Ice: []
No Coolant Present: [X]
Cooler Temperature: Digital Stick Thermometer CF = -1.0°C
Thermocouple CF = -1.0°C
Temperature Blank: None °C
Range of 3 samples: 12.6-12.7 °C
Melt Water: None °C

General
Table with columns: Yes, No, NA, Comments
Rows: All bottles arrived unbroken with labels in good condition? [X]
Each sample point is in a sealed plastic bag? [X]
Labels filled out completely? [X]
All bottle labels agree with Chain of Custody (COC)? [X]
Sufficient sample to run tests requested? [X]
pH checked and samples at correct pH? [X]
Correct preservative added to samples? [X]
Air bubbles absent from VOAs? []
COC filled out properly and signed by client? [X]
COC signed in by TRACE sample custodian? [X]
Was project manager called and samples discussed? []

Notes:
[]
[]
[]
[]

*EMD pH Test Strips Used:
pH 0-2.5 [X] Lot: HC563733
pH 11.0-13.0 [] Lot: HC547328
Other: []
Lot: HC563733 verified 6/21/16 AY
Lot: HC547328 verified 6/30/16 AY