



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: West Maple

TRACE ID: T17B404-01

Sample Point Description		Collected		Collected By		Received at Laboratory	
WM-67-CF		2/25/17 10:00		twb		2/27/17 8:48	
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD	
Copper	0.14 mg/L	1.3	3/13/17 7:27	3/14/17 16:53	dtm	EPA 200.8 Rev. 5.4	
Lead	0.027 mg/L	0.015	3/13/17 7:27	3/14/17 16:53	dtm	EPA 200.8 Rev. 5.4	

TRACE ID: T17B404-02

Sample Point Description		Collected		Collected By		Received at Laboratory	
WM-68-CF		2/25/17 10:00		twb		2/27/17 8:48	
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD	
Copper	0.19 mg/L	1.3	3/13/17 7:27	3/14/17 16:55	dtm	EPA 200.8 Rev. 5.4	
Lead	0.081 mg/L	0.015	3/13/17 7:27	3/14/17 16:55	dtm	EPA 200.8 Rev. 5.4	

TRACE ID: T17B404-03

Sample Point Description		Collected		Collected By		Received at Laboratory	
WM-69-CF		2/25/17 10:00		twb		2/27/17 8:48	
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD	
Copper	0.22 mg/L	1.3	3/13/17 7:27	3/14/17 16:58	dtm	EPA 200.8 Rev. 5.4	
Lead	0.072 mg/L	0.015	3/13/17 7:27	3/14/17 16:58	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: West Maple

TRACE ID: T17B404-04

<i>Sample Point Description</i>	<i>Collected</i>		<i>Collected By</i>		<i>Received at Laboratory</i>	
WM-104-KF	2/25/17	9:56	twb		2/27/17	8:48
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.30 mg/L	1.3	3/13/17 7:27	3/14/17 17:01	dtm	EPA 200.8 Rev. 5.4
Lead	0.0030 mg/L	0.015	3/13/17 7:27	3/14/17 17:01	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

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Building: West Maple

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

Trace ID: T1713404
 Logged by: TS
 Checked by: TS

Trace No.	Time Taken	Sample Point	Location	Photo(s)	Aerator?	Connecting Plumbing	Notes
1	10:00	WM-67-CF	Rm 24- Prep Room-Left	3754/55	Y	Br, Cu	
2	10:00	WM-68-CF	Rm 24- Prep Room- Middle	3754/55	Y	Br, Cu	
3	10:00	WM-69-CF	Rm 24- Prep Room - Right	3754/55	Y	Br, Cu	
4	4:56	WM-104-KF	Staff Work Rm	3782/83	Y	Br, Cu	

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: [Signature]

Received by: [Signature]

Date: 2/27/17 Time: 8:48



the science of compliance

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SAMPLE LOG IN CHECKLIST

Trace ID #: TMB404 Date: 8/27/17 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 []
Name of delivery person: Tim Brewer
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: Correction Factors: Digital Stick Thermometer CF = -1.0°C Thermocouple CF = -1.0°C
Temperature Blank: None °C (Digital Stick Thermometer)
Range of 3 samples: 12.6-12.7 °C (Thermocouple)
Melt Water: None °C (Use Digital Stick Thermometer)

General

Table with 3 columns: Yes, No, NA and 1 column: Comments. Rows include: All bottles arrived unbroken with labels in good condition?, Each sample point is in a sealed plastic bag?, Labels filled out completely?, All bottle labels agree with Chain of Custody (COC)?, Sufficient sample to run tests requested?, pH checked and samples at correct pH?, Correct preservative added to samples?, Air bubbles absent from VOAs?, COC filled out properly and signed by client?, COC signed in by TRACE sample custodian?, 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: []