



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: T17B404-04

<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**

Page 1 of 1

Building: West Maple

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

Trace ID: TT18404  
 Logged by: JS  
 Checked by: CS

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	9:56	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



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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   
 Hand delivered  Name of delivery person: Jim Brewer  
 Commercial courier  UPS  FED EX  US Mail   
 Tracking Number:  Not Applicable  
 Tracking #: \_\_\_\_\_  
 COC Seals present and intact on cooler? No  Yes   Not Applicable  
 Custody seals signed by Client? No  Yes  Client custody seal # (if applicable): \_\_\_\_\_

**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:   
 Ice still present upon receipt (circle one):  
 Yes No N/A

**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**

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Each sample point is in a sealed plastic bag?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Labels filled out completely?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
All bottle labels agree with Chain of Custody (COC)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Sufficient sample to run tests requested?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
pH checked and samples at correct pH?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	See Below*
Correct preservative added to samples?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Air bubbles absent from VOAs?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
COC filled out properly and signed by client?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
COC signed in by TRACE sample custodian?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was project manager called and samples discussed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Notes: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**\*EMD pH Test Strips Used:**  
 pH 0-2.5 Lot: HC563733  pH 11.0-13.0 Lot: HC547328  
 Other: \_\_\_\_\_  
 Lot: HC563733 verified 8/21/16 AY  
 Lot: HC547328 verified 8/30/16 AY