

State of Michigan Laboratory ID: 8001

August 29, 2018

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

PROJECT: Quarton - Resample 082118

TRACE ID: T18H544-01

<i>Sample Point Description</i>	<i>Collected</i>	<i>Collected By</i>	<i>Received at Laboratory</i>
Q-04-CF	8/21/18 5:20	twb	8/21/18 19:16

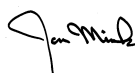
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.25 mg/L	1.3	8/27/18 12:39	8/28/18 11:01	jbb	EPA 200.8 Rev. 5.4
Lead	0.0067 mg/L	0.015	8/27/18 12:39	8/28/18 11:01	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T18H544-02

<i>Sample Point Description</i>	<i>Collected</i>	<i>Collected By</i>	<i>Received at Laboratory</i>
Q-51-CF	8/21/18 5:21	twb	8/21/18 19:16

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.29 mg/L	1.3	8/27/18 12:39	8/28/18 11:04	jbb	EPA 200.8 Rev. 5.4
Lead	<b>0.016 mg/L</b>	<b>0.015</b>	8/27/18 12:39	8/28/18 11:04	jbb	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

**Birmingham Schools Fixture Inventory**

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Building: Quarton

Date Collected: 8-28-18

Trace ID: T18H544

Sampler's Initials: TWB

Logged by: [Signature]

Checked by: [Signature]

Trace No.	Time Taken	Sample Point	Location	Photo(s)	Aerator?	Connecting Plumbing	Notes
1	5:20	Q-04-CF	Rm 102	2386/87	Y	Br, Cu	
2	5:21	Q-51-CF	Rm 206	2438/39/40	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: 8/21/18 Time: 19:16

**SAMPLE LOG IN CHECKLIST**

Trace ID #: T78H544 Date: 8/21/18 Package Description: Cooler Temperature: 21.6  
 Client Name: Birmingham Schools Time: 19:16 Logged in by: dlj

**Cooler Receipt**

Cooler/samples delivered by: Trace courier   
 Hand delivered  Name of delivery person: \_\_\_\_\_  
 Commercial courier  UPS  FED EX  US Mail

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Tracking Number:  Not Applicable  
 Tracking #: \_\_\_\_\_

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COC Seals present and intact on cooler?  Not Applicable  No  Yes  
 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 = -0.6°C  
 •IR Thermometer CF = -0.8°C

Representative Sample Temperature: 21.5 °C (check one below)  
 Temp Blank (Stick Thermometer)  
 Client Sample (IR Thermometer)

Melt Water: N/A °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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	See Below* pH will be verified at the time of the turbidity check.
Correct preservative added to samples?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Air bubbles absent from VOAs?	<input 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 type="checkbox"/>	<input type="checkbox"/>	

**Notes:**

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\_\_\_\_\_

\_\_\_\_\_

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**\*EMD pH Test Strips Used:**

pH 0-2.5       pH 11.0-13.0  
 Lot: HC731452      Lot: HC600691

Other: \_\_\_\_\_