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State of Michigan Laboratory ID: 8001

August 22, 2017

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

PROJECT: Greenfield

TRACE ID: T17H231-01

Sample Point Description: G-77-CF
Collected: 8/10/17 9:05
Collected By: twb
Received at Laboratory: 8/11/17 9:21

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.19 mg/L	1.3	8/14/17 17:11	8/21/17 18:30	dtm	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	8/14/17 17:11	8/21/17 18:30	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

Birmingham Schools Fixture Inventory

Page 1 of 1

Building: Greenfield

Date Collected: 8-10-17
 Sampler's Initials: TWB

Trace ID: T17 H231
 Logged by: JS
 Checked by: EH

Trace No.	Time Taken	Sample Point	Location	Photo(s)	Aerator?	Connecting Plumbing	Notes
		G-40-B	Rm 103	3853/54	N	Br, Cu	
		G-41-BF	Rm 102	3855	Y	Br, Cu	
		G-42-CF	Rm 102	3856/57	Y	Br, Cu	
		G-43-B	Rm 102	3856/57	N	Br, Cu	
		G-44-BF	Rm 101	3858	Y	Br, Cu	
		G-45-CF	Rm 101	3859/60	Y	Br, Cu	
		G-46-B	Rm 101	3859/60	N	Br, Cu	
		G-47-CF	Rm 100-Frontside	3861/62	Y	Br, Cu	
		G-48-CF	Rm 100-Backside	3861/62	Y	Br, Cu	
		G-49-CF	Rm 100 Back Sink	3863/64	Y	Br, Cu	
		G-50-CF	Staff Lounge	3865/66	Y	Br, Cu	
		G-51-Fridge	Staff Lounge	3867	N	Unknown	
		G-52-BF	Staff Restroom	3868	Y	Br, Cu	
		G-53-BF	Clinic	3869	Y	Br, Cu	
		G-54-CF	Media Office	3869	Y	Br, Cu	
		G-55-BF	Preschool	3872	Y	Br, Cu	
		G-56-CF	Preschool	3873/74	Y	Br, Cu	
		G-57-B	Preschool	3873/74	N	Br, Cu	
		G-58-DF	2nd Fl North- Left	3875	N	Unknown	
		G-59-DF	2nd Fl North- Right	3875	N	Unknown	
		G-60-BF	2nd Fl Staff North	3876	Y	Br, Cu	
		G-61-BF	Girl's 2nd Fl- South- Left	3877	Y	Br, Cu	
		G-62-BF	Glrl's 2nd Fl- South- Middle	3877	Y	Br, Cu	
		G-63-BF	Girl's 2nd Fl- South-Right	3877	Y	Br, Cu	
		G-64-BF	Boy's 2nd Fl- South-Left	3878	Y	Br, Cu	
		G-65-BF	Boy's 2nd Fl- South- Middle	3878	Y	Br, Cu	
		G-66-BF	Boy's 2nd Fl- South- Right	3878	Y	Br, Cu	
		G-67-BF	2nd Fl Staff South	3879	Y	Br, Cu	
		G-68-DS	Custodial Rm 2nd Fl South	3880	N	Unknown	
		G-69-EW	Custodial Rm 2nd Fl South	3881	N	Unknown	
		G-70-DF	2nd Fl South-Left	3882	N	Unknown	
		G-71-DF	2nd Fl South- Right	3882	N	Unknown	
		G-72-BF	Rm 206	3883	Y	Br, Cu	
		G-73-CF	Rm 206	3884/85	Y	Br, Cu	
		G-74-B	Rm 206	3884/85	N	Br, Cu	
		G-75-CF	Rm 207	3886/87	Y	Br, Cu	
		G-76-B	Rm 207	3886/87	N	Br, Cu	
1	9:05	G-77-CF	Rm 208	3888/89	Y	Br, Cu	
		G-78-B	Rm 208	3888/89	N	Br, Cu	

Released by: TWB Received by: JS Date: 8/11/17 Time: 9:21

SAMPLE LOG IN CHECKLIST

Trace ID #: TF7H23 Date: 8/11/17 Package Description: Cooler Temperature: 22.3
 Client Name: Birmingham - Greenfield Time: 9:21 Logged in by: JS

Cooler Receipt

Cooler/samples delivered by: Trace courier Hand delivered Commercial courier Name of delivery person: Tom Brewer
 UPS FED EX US Mail
 Tracking Number: Not Applicable Tracking #: _____
 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 = -0.4°C
 Representative Sample Temperature: 22.3 °C (check one below)
 Temp Blank (Stick Thermometer)
 Client Sample (IR Thermometer)
 Melt Water: None °C (Use Digital Stick Thermometer)

	General			Comments
	Yes	No	NA	
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 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 04/03/17 JS

