

State of Michigan Laboratory ID: 8001

August 22, 2017

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

✓NOTE

PROJECT: Bingham Farms

TRACE ID: T17H232-01

Sample Point Description	Collected	Collected By	Received at Laboratory			
B-66-CF	8/10/17 8:05	twb	8/11/17 9:29			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.13 mg/L	1.3	8/14/17 17:11	8/21/17 18:32	dtm	EPA 200.8 Rev. 5.4
Lead	0.018 mg/L	0.015	8/14/17 17:11	8/21/17 18:32	dtm	EPA 200.8 Rev. 5.4

*Room 14
SINK*

* 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

Jon Mink
 Senior Project Manager

Birmingham Schools Fixture Inventory

Page 1 of 1

Building: Bingham Farms

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

Trace ID: TR7H232
 Logged by: JS
 Checked by: GH

Trace No.	Time Taken	Sample Point	Location	Photo(s)	Aerator?	Connecting Plumbing	Notes
		B-42-DF	By Rm 5- Left	3342	N	Unknown	
		B-43-DF	By Rm 5- Right	3342	N	Unknown	
		B-44-CF	Rm 5	3343/44	Y	Br, Cu	
		B-45-B	Rm 5	3343/44	N	Br, Cu	
		B-46-cf	Rm 6	3345/46	Y	Br, Cu	
		B-47-B	Rm 6	3345/46	N	Br, Cu	
		B-48-CF	Rm 7	3347/48	Y	Br, Cu	
		B-49-B	Rm 7	3347/48	N	Br, Cu	
		B-50-CF	Rm 8	3349/50	Y	Br, Cu	
		B-51-B	Rm 8	3349/50	N	Br, Cu	
		B-52-CF	Rm 9	3351/52	Y	Br, Cu	
		B-53-B	Rm 9	3351/52	N	Unknown	
		B-54-DF	By Rm 10-Left	3353	N	Unknown	
		B-55-DF	By Rm 10-Right	3353	N	Br, Cu	
		B-56-BF	Men's by Rm 10- Left	3354	Y	Br, Cu	
		B-57-BF	Men's by Rm 10- Right	3354	Y	Br, Cu	
		B-58-CF	Rm 10	3355/56	Y	Br, Cu	
		B-59-B	Rm 10	3355/56	N	Br, Cu	
		B-60-CF	Rm 11	3357/58	Y	Br, Cu	
		B-61-B	Rm 11	3357/58	N	Br, Cu	
		B-62-CF	Rm 12	3359/60	Y	Br, Cu	
		B-63-B	Rm 12	3359/60	N	Br, Cu	
		B-64-CF	Rm 13	3361/62	Y	Br, Cu	
		B-65-B	Rm 13	3361/62	N	Br, Cu	
<u>1</u>	<u>8:05</u>	B-66-CF	Rm 14	3363/64	Y	Br, Cu	
		B-67-B	Rm 14	3363/64	N	Br, Cu	
		B-68-CF	Rm 15	3365	Y	Br, Cu	
		B-69-B	Rm 15	3365	N	Br, Cu	
		B-70-BF	Men's by Rm 15- Left	3366	Y	Br, Cu	
		B-71-BF	Men's by Rm 15-Right	3366	Y	Br, Cu	
		B-72-DS	Men's by Rm 15- Custodial	3367	N	Unknown	
		B-73-Bottle	Main Office	3368	N	Unknown	
		B-74-DF	Main Office-Right	3368	N	Unknown	
		B-75-DF	Main Office- Left	3368	N	Unknown	
		B-76-KF	Main Office Clinic	3369/70	Y	Br, Cu	
		B-77-BF	Main Office Clinic	3371	Y	Br, Cu	
		B-78-BF	Restroom by Main Office	3372	Y	Br, Cu	
		B-79-BF	Adult Restroom by Office B	3373	Y	Br, Cu	
		B-80-BF	ASD Restroom	3374	Y	Br, Cu	
		B-81-KF	Teacher's Lounge	3375/76	Y	Br, Cu	
		B-82-CF	LRC/ASD Preschool	3377/78	Y	Br, Cu	

Released by: Tom Berger

Received by: [Signature]

Date: 8/11/17 Time: 9:29

SAMPLE LOG IN CHECKLIST

Trace ID #: <u>T17H232</u>	Date: <u>8/11/17</u>	Package Description: <u>Cooler</u>	Temperature: <u>22.3</u>
Client Name: <u>Birmingham - Benjamin Farms</u>		Time: <u>9:29</u>	Logged in by: <u>JS</u>

Cooler Receipt

Cooler/samples delivered by: Trace courier Hand delivered Commercial courier UPS FED EX US Mail

Name of delivery person: Tim Brewer

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

<p>Type of Coolant Used</p> <p>Slurry w/ crushed, cubed, or chip ice? <input type="checkbox"/></p> <p>Multiple bags of ice around samples? <input type="checkbox"/></p> <p>Ice Packs/ Blue Ice: <input type="checkbox"/></p> <p>No Coolant Present: <input checked="" type="checkbox"/></p> <p>Ice still present upon receipt (circle one): Yes No <u>N/A</u></p>	<p>Cooler Temperature</p> <p>Correction Factors: •Digital Stick Thermometer CF = -0.6°C •IR Thermometer CF = -0.4°C</p> <p>Representative Sample Temperature: <u>22.3</u> °C (check one below) <input type="checkbox"/> Temp Blank (Stick Thermometer) <input checked="" type="checkbox"/> Client Sample (IR Thermometer)</p> <p>Mell Water: <u>None</u> °C (Use Digital Stick Thermometer)</p>
---	---

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 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: HC583733 verified 6/21/16 AY
 Lot: HC574781 verified 04/03/17 JS

