

State of Michigan Laboratory ID: 8001

August 23, 2017

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

✓ PMP

PROJECT: Pierce

TRACE ID: T17H234-01

Sample Point Description	Collected	Collected By	Received at Laboratory			
P-05-KF	8/10/17 9:18	twb	8/11/17 9:47			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.58 mg/L	1.3	8/14/17 17:11	8/21/17 19:06	dtm	EPA 200.8 Rev. 5.4
Lead	0.0035 mg/L	0.015	8/14/17 17:11	8/21/17 19:06	dtm	EPA 200.8 Rev. 5.4

TRACE ID: T17H234-02

Sample Point Description	Collected	Collected By	Received at Laboratory			
P-07-KF	8/10/17 9:17	twb	8/11/17 9:47			
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.67 mg/L	1.3	8/14/17 17:11	8/22/17 13:06	dtm	EPA 200.8 Rev. 5.4
Lead	0.0012 mg/L	0.015	8/14/17 17:11	8/21/17 19:09	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

Jon Mink
 Senior Project Manager

Birmingham Schools Fixture Inventory

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Building: Pierce

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

Trace ID: TF7H234
 Logged by: JS
 Checked by: CH

Trace No.	Time Taken	Sample Point	Location	Photo(s)	Aerator?	Connecting Plumbing	Notes
		P-01-DS	Receiving	3467	N	Unknown	
		P-02-DS	Boiler Rm	3468	N	Unknown	
		P-03-KF	Kitchen-Deep Sink	3469/70	Y	Br, Cu	
		P-04-HS	Kitchen- Handsink	3471	Y	Br, Cu	
<u>1</u>	<u>9:18</u>	P-05-KF	Kitchen Triple Sink-Left	3472/73	Y	Br, Cu	
		P-06-KF	Kitchen Triple Sink-Middle	3472/73	Y	Br, Cu	
<u>2</u>	<u>9:17</u>	P-07-KF	Kitchen Triple Sink-Right	3472/73	Y	Br, Cu	
		P-08-DF	Admin. Hall	3474	N	Unknown	
		P-09-Bottle	Admin. Hall	3474	N	Unknown	
		P-10-BF	Boy's Admin Hall-Left	3475	Y	Br, Cu	
		P-11-BF	Boy's Admin Hall-Right	3475	Y	Br, Cu	
		P-12-BF	Girl's Admin Hall- Left	3476	Y	Br, Cu	
		P-13-BF	Girl's Admin hall- Right	3476	Y	Br, Cu	
		P-14-BF	Office Clinic	3477	Y	Br, Cu	
		P-15-KF	Teacher's Lounge	3478/79	Y	Br, Cu	
		P-16-Coffee	Teacher's Lounge	3480	N	Br, Cu	
		P-17-BF	Rm 113	3482	Y	Br, Cu	
		P-18-CF	Rm 113	3483	Y	Br, Cu	
		P-19-B	Rm 113	3483	N	Br, Cu	
		P-20-CF	Rm 112	3484/85	Y	Br, Cu	
		P-21-B	Rm 112	3484/85	N	Br, Cu	
		P-22-BF	Rm 112	3486	Y	Br, Cu	
		P-23-CF	Rm 111	3487/88	Y	Br, Cu	
		P-24-B	Rm 111	3487/88	N	Br, Cu	
		P-25-BF	Rm 111	3489	Y	Br, Cu	
		P-26-CF	Rm 110	3490	Y	Br, Cu	
		P-27-B	Rm 110	3490	N	Br, Cu	
		P-28-DF	Outside 109-Left	3491	N	Unknown	
		P-29-DF	Outside 109-Right	3491	N	Unknown	
		P-30-CF	Rm 109	3492	Y	Br, Cu	
		P-31-BF	Girls by 109- Left	3493	Y	Br, Cu	
		P-32-BF	Girls by 109-Right	3493	Y	Br, Cu	
		P-33-DS	Custodial by 109	3494	N	Unknown	
		P-34-BF	Unisex by 109	3495	Y	Br, Cu	
		P-35-BF	Boys by 109-Left	3496	Y	Br, Cu	
		P-36-BF	Boys by 109-Right	3496	Y	Br, Cu	
		P-37-CF	Rm 108	3497/98	Y	Br, Cu	
		P-38-B	Rm 108	3497/98	N	Br, Cu	
		P-39-DF	Hall by 107	3499	N	Br, Cu	

Released by: TWB Received by: Gray Date: 8/11/17 Time: 9:47

SAMPLE LOG IN CHECKLIST

Trace ID #: T17H234 Date: 8/11/17 Package Description: Codes Temperature: 22.3
 Client Name: Birmingham - Pierce Time: 9:47 Logged In by: JS

Cooler Receipt

Cooler/samples delivered by: Trace courier Hand delivered Commercial courier UPS FEDEX 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

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

	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 VOA's?	<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: HC683733 pH 11.0-13.0 Lot: HC647328

Other: _____

Lot HC683733 verified 6/21/16 AY
 Lot HC674781 verified 04/03/17 JS

