



Trace Analytical Laboratories, Inc.
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State of Michigan Laboratory ID: 8001

May 22, 2017

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

PROJECT: Meadow Lake

TRACE ID: T17E279-01

<i>Sample Point Description</i>		<i>Collected</i>	<i>Collected By</i>	<i>Received at Laboratory</i>		
ML-69-KF		5/13/17 12:25	twb	5/15/17 8:26		
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.19 mg/L	1.3	5/17/17 13:16	5/19/17 12:35	dtm	EPA 200.8 Rev. 5.4
Lead	0.037 mg/L	0.015	5/17/17 13:16	5/19/17 12:35	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



the science of compliance

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Birmingham Schools Fixture Inventory

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Building: Meadow Lake

Date Collected: 5/13/17
 Sampler's Initials: TWB

Trace ID: 117E079
 Logged by: ELI
 Checked by: [Signature]

Trace No.	Time Taken	Sample Point	Location	Photo(s)	Aerator?	Connecting Plumbing	Notes
40		ML-40-BF	Old Al-Women's- Middle	3425	Y	Br, Cu	
41		ML-41-BF	Old Al- Women's- Right	3425	Y	Br, Cu	
42		ML-42-KF	Teacher's Lounge	3426/27	T	Br, Cu	
43		ML-43-DS	Custodial Rm by Teacher's Lounge	3428	U	Unknown	
44		ML-44-CF	Rm 8- Arts & Crafts	3429/30	Y	Br, Cu	
45		ML-45-B	Rm 8- Arts & Crafts	3429/30	N	Br, Cu	
46		ML-46-CF	Rm 9- Daily Living	3431/32	Y	Br, Cu, P	
47		ML-47-B	Rm 9- Daily Living	3431/32	N	Br, Cu, P	
48		ML-48-BF	Rm 9- Daily Living	3433	Y	Br, Cu	
49		ML-49-CF	Rm 7-FS	3434/35	Y	Br, Cu	
50		ML-50-B	Rm 7-FS	3434/35	N	Br, Cu	
51		ML-51-CF	Rm 1-FS	3436/37	Y	Br, Cu	
52		ML-52-B	Rm 1-FS	3436/37	N	Br, Cu	
53		ML-53-CF	Rm 3	3438/39	Y	Br, Cu	
54		ML-54-B	Rm 3	3438/39	N	Br, Cu	
55		ML-55-CF	Rm 2	3440/41	Y	Br, Cu	
56		ML-56-B	Rm 2	3440/41	N	Br, Cu	
57		ML-57-CF	Rm 4	3442/43	Y	Br, Cu	
58		ML-58-B	Rm 4	3442/43	N	Br, Cu	
59		ML-59-CF	Rm 5	3444/45	Y	Br, Cu	
60		ML-60-B	Rm 5	3444/45	N	Br, Cu	
61		ML-61-CF	Rm 6	3446/47	Y	Br, Cu	
62		ML-62-B	Rm 6	3446/47	N	Br, Cu	
63		ML-63-CF	FSD Office	3448/49	Y	Br, Cu	
64		ML-64-B	FSD Office	3448/49	N	Br, Cu	
65		ML-65-BF	FSD Office	3450	Y	Br, Cu	
66		ML-66-BF	FSD Office Restroom	3451	Y	Br, Cu	
67		ML-67-KF	FSD Office Breakroom	3452/53	Y	Br, Cu	
68		ML-68-DF	Main Entrance by 7A	3454	N	Unknown	
69	12:25	ML-69-KF	Rm 7A	3455/56	Y	Br, Cu	
70		ML-70-BF	Rm 7A	3457	Y	Br, Cu	
71		ML-71-B	Girls by 7A	3458	Y	Br, Cu	
72		ML-72-DS	Custodial Rm Main Entrance	3459	N	Unknown	
73		ML-73-BF	Boy's by 7A	3460	Y	Br, Cu	
74		ML-74-BF	Kitchen	3461	Y	Br, Cu	
75		ML-75-HS	Kitchen Handsink	3462	Y	Br, Cu	
76		ML-76-KF	Kitchen-Deep Sink	3463/64	Y	Br, Cu	
77		ML-77-KF	Kitchen Wall Faucet	3465	N	Unknown	
78		ML-78-BF	Boiler Rm	3466	Y	Br, Cu	

Released by: [Signature]

Received by: [Signature]

Date: 5-15-17 Time: 8:29

SAMPLE LOG IN CHECKLIST

Trace ID #: T17E2A Date: 5-15-17 Package Description: Cooler Temperature: 19.3
 Client Name: Birmingham Time: 8:29 Logged In by: CH

Cooler Receipt

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

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
 Temperature Blank: N/A °C (Digital Stick Thermometer)
 Range of 3 samples: 19.21 °C (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 checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	

Notes:

*EMD pH Test Strips Used:
 pH 0-2.5 Lot: HC663733
 pH 11.0-13.0 Lot: HC647320
 Other: _____
 Lot: HC663733 verified 0/2/16 AY
 Lot: HC647320 verified 0/03/17 JS

