



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

March 15, 2017

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

PROJECT: Berkshire

TRACE ID: T17B400-01

<i>Sample Point Description</i>		<i>Collected</i>		<i>Collected By</i>		<i>Received at Laboratory</i>	
BK-103-CF		2/25/17	8:13	twb		2/27/17 8:48	
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD	
Copper	0.70 mg/L	1.3	3/13/17 7:27	3/14/17 16:26	dtm	EPA 200.8 Rev. 5.4	
Lead	0.0016 mg/L	0.015	3/13/17 7:27	3/14/17 16:26	dtm	EPA 200.8 Rev. 5.4	

TRACE ID: T17B400-02

<i>Sample Point Description</i>		<i>Collected</i>		<i>Collected By</i>		<i>Received at Laboratory</i>	
BK-107-CF		2/25/17	8:14	twb		2/27/17 8:48	
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD	
Copper	0.16 mg/L	1.3	3/13/17 7:27	3/14/17 16:31	dtm	EPA 200.8 Rev. 5.4	
Lead	0.0017 mg/L	0.015	3/13/17 7:27	3/14/17 16:31	dtm	EPA 200.8 Rev. 5.4	

TRACE ID: T17B400-03

<i>Sample Point Description</i>		<i>Collected</i>		<i>Collected By</i>		<i>Received at Laboratory</i>	
BK-111-CF		2/25/17	8:15	twb		2/27/17 8:48	
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD	
Copper	0.28 mg/L	1.3	3/13/17 7:27	3/14/17 16:34	dtm	EPA 200.8 Rev. 5.4	
Lead	<0.0010 mg/L	0.015	3/13/17 7:27	3/14/17 16:34	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



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Birmingham Schools Fixture Inventory

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Building: Berkshire

Date Collected: 2/25/17
 Sampler's Initials: ZWP

Trace ID: TF10400
 Logged by: JS
 Checked by: GH

Trace No.	Time Taken	Sample Point	Location	Photo(s)	Aerator?	Connecting Plumbing	Notes
1	8:13	BK-103-CF	Rm 101-Front	2841	Y	Br, Cu	
2	8:14	BK-107-CF	Rm 102-Right Wall-Right	2847	Y	Br, Cu	
3	8:15	BK-111-CF	Rm 102-Left Wall-Left	2851	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: 2/27/17 Time: 8:48



the science of compliance

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SAMPLE LOG IN CHECKLIST

Trace ID #: TMB400 Date: 2/27/17 Package Description: Cooler Temperature: 16.7
Client Name: Birmingham Schools Time: 8:48 Logged in by: JS

Cooler Receipt

Cooler/samples delivered by: Trace courier [X] Hand delivered [] Commercial courier [] UPS [] FED EX [] US Mail []
Name of delivery person: Tim Brewer

Tracking Number: [X] Not Applicable Tracking #: []

COC Seals present and intact on cooler? No [] Yes [] [X] Not Applicable
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: [X]
Ice still present upon receipt (circle one): Yes [] No [] N/A [X]

Cooler Temperature

Correction Factors: Digital Stick Thermometer CF = -1.0°C
Thermocouple CF = -1.0°C
Temperature Blank: None °C (Digital Stick Thermometer)
Range of 3 samples: 12.6-12.7 °C (Thermocouple)
Melt Water: None °C (Use Digital Stick Thermometer)

General

Table with 3 columns: Yes, No, NA and 1 column: Comments. Rows include: All bottles arrived unbroken with labels in good condition?, Each sample point is in a sealed plastic bag?, Labels filled out completely?, All bottle labels agree with Chain of Custody (COC)?, Sufficient sample to run tests requested?, pH checked and samples at correct pH?, Correct preservative added to samples?, Air bubbles absent from VOAs?, COC filled out properly and signed by client?, COC signed in by TRACE sample custodian?, Was project manager called and samples discussed?.

Notes: []

*EMD pH Test Strips Used:

[X] pH 0-2.5 Lot: HC563733 [] pH 11.0-13.0 Lot: HC547328

[] Other: []

Lot: HC563733 verified 6/21/16 AY
Lot: HC547328 verified 6/30/16 AY

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