

State of Michigan Laboratory ID: 8001

November 21, 2017

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

PROJECT: Bingham Farms

TRACE ID: T17K181-01

<i>Sample Point Description</i>	<i>Collected</i>		<i>Collected By</i>		<i>Received at Laboratory</i>	
Bingham Farms Rm 14 B-66-CF	11/9/17	5:54	jk		11/10/17 15:30	
Metals, Drinking Water	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Lead	<0.0030 mg/L	0.015	11/20/17 9:23	11/20/17 16:24	pn	SM 3113 B
Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.076 mg/L	1.3	11/17/17 15:34	11/20/17 11:31	dtm	EPA 200.7 Rev. 4.4

* 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

SAMPLE LOG IN CHECKLIST

Trace ID #: TK181 Date: 11/10/17 Package Description: Cooler Temperature: -1.6
 Client Name: Birmingham - Bingham Farms Time: 15:30 Logged in by: JS

Cooler Receipt

Cooler/samples delivered by: Trace courier Hand delivered
 Commercial courier UPS FED EX US Mail
 Name of delivery person: Jack K.

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 = -0.2°C
 •IR Thermometer CF = -0.5°C
 Representative Sample Temperature: 1.4 °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: HC573059 pH 11.0-13.0 Lot: HC547328
 Other: _____