

State of Michigan Laboratory ID: 8001

December 14, 2018

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

PROJECT: Groves & Bingham Farms

TRACE ID: T18L004-01

Sample Point Description Groves KF-1	Collected 11/29/18 6:00	Collected By jf	Received at Laboratory 11/29/18 8:21
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Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.37 mg/L	1.3	12/12/18 15:50	12/13/18 15:08	jbb	EPA 200.8 Rev. 5.4
Lead	0.0061 mg/L	0.015	12/12/18 15:50	12/13/18 15:06	jbb	EPA 200.8 Rev. 5.4

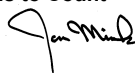
TRACE ID: T18L004-02

Sample Point Description Bingham Farms Rm. 11 Classroom Faucet	Collected 11/29/18 6:11	Collected By jf	Received at Laboratory 11/29/18 8:21
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Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.38 mg/L	1.3	12/12/18 15:50	12/13/18 15:33	jbb	EPA 200.8 Rev. 5.4
Lead	0.0031 mg/L	0.015	12/12/18 15:50	12/13/18 15:10	jbb	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.

TNTC = To Numerous to Count



Jon Mink
 Senior Project Manager

TRACE

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CHAIN-OF-CUSTODY RECORD

Page 1 of

Trace ID No.
TR181004

Report Results To:

Company Name: *Birmingham Schools* PC #: _____

Report To: _____ Contact Name: _____

Mailing Address: _____ Billing Address (if different): _____

City, State, Zip Code: _____ City, State, Zip Code: _____

Office Phone: _____ Cell Phone: _____ Phone Number: _____

Email Address: _____ Billing Email Address: _____

Trace Use:

Logged By: *JB*

Checked By: *MSB*

Soil Volatiles Preserved (circle if applicable):
 MeOH Low Level Lab

Sampling Time: _____

Turnaround Requirements:

Standard 48 Hour*

4 Day* 24 Hour*

3 Day* *Requires Prior Approval

Matrix Key:

S = Soil / Solid W = Wipes

W = Water LW = Liquid Waste

SL = Sludge A = Air

OI = Oil D = Drinking Water

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation							Analysis Requested	Remarks	Possible Health Hazards?
							Cool	HCl	HNO ₃	H ₂ SO ₄	NaOH	Other				
1	11-29	6:08 A	GROVES KF -1													
2	11-29	6:11 A	BIRMINGHAM SCHOOLS MILL CASSIDAY PARK													

Please Sign

Released By <i>[Signature]</i>	Received By <i>[Signature]</i>	Date 11-29-10	Time 9:21	Released By <i>[Signature]</i>	Date 12/3/10	Time 8:27

Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

SAMPLE LOG IN CHECKLIST

Trace ID #: T18L004 Date: 12/3/18 Package Description: none Temperature: 20.0
 Client Name: Birmingham Time: 8:27 Logged in by: JS

Cooler Receipt

Cooler/samples delivered by: Trace courier Hand delivered Commercial courier Name of delivery person: Jimmy Akerman

UPS FED EX US Mail

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):</p> <p>Yes No <u>N/A</u></p>	<p>Cooler Temperature</p> <p>Correction Factors: •Digital Stick Thermometer CF = -0.6°C •IR Thermometer CF = -0.8°C</p> <p>Representative Sample Temperature: <u>20.0</u> °C (check one below)</p> <p><input type="checkbox"/> Temp Blank (Stick Thermometer) <input checked="" type="checkbox"/> Client Sample (IR Thermometer)</p> <p>Melt Water: <u>none</u> °C (Use Digital Stick Thermometer)</p>
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General

	Yes	No	NA	
All bottles arrived unbroken with labels in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Comments _____ _____ _____ _____ _____ _____ _____ _____ _____ _____
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"/>	
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 pH 11.0-13.0
 Lot: HC731452 Lot: HC600691

Other: _____