

State of Michigan Laboratory ID: 8001

November 05, 2018

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

**PROJECT: Bingham Farm Resampling**

TRACE ID: T18J765-01

<i>Sample Point Description</i>	<i>Collected</i>	<i>Collected By</i>	<i>Received at Laboratory</i>
B-46 - CF	10/31/18 6:25	eb	10/31/18 13:45

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.29 mg/L	1.3	11/1/18 12:31	11/2/18 10:11	jbb	EPA 200.8 Rev. 5.4
Lead	0.0087 mg/L	0.015	11/1/18 12:31	11/2/18 10:11	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T18J765-02

<i>Sample Point Description</i>	<i>Collected</i>	<i>Collected By</i>	<i>Received at Laboratory</i>
B-58 - CF	10/31/18 6:27	eb	10/31/18 13:45

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.16 mg/L	1.3	11/1/18 12:31	11/2/18 10:13	jbb	EPA 200.8 Rev. 5.4
Lead	0.012 mg/L	0.015	11/1/18 12:31	11/2/18 10:13	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T18J765-03

<i>Sample Point Description</i>	<i>Collected</i>	<i>Collected By</i>	<i>Received at Laboratory</i>
B-60 - CF	10/31/18 6:30	eb	10/31/18 13:45

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.22 mg/L	1.3	11/1/18 12:31	11/2/18 10:15	jbb	EPA 200.8 Rev. 5.4
Lead	<b>0.021 mg/L</b>	0.015	11/1/18 12:31	11/2/18 10:15	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.



Jon Mink  
 Senior Project Manager



**TRACE**  
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**CHAIN-OF-CUSTODY RECORD**

Trace ID No. 1185765

**Report Results To:**  
 Company Name: Birmingham Schools  
 Report To:  
 Mailing Address:  
 City, State, Zip Code:  
 Office Phone:  
 Cell Phone:  
 Email Address:  
 Billing Email Address:

**PO #:**  
**Contact Name:**  
**Billing Address (if different):**  
**City, State, Zip Code:**  
**Phone Number:**  
**Matrix Key:**  
 S = Soil / Solid  
 W = Water  
 LW = Liquid Waste  
 A = Air  
 D = Drinking Water  
 SL = Sludge  
 OI = Oil

**Trace User:**  
 Logged By: MB  
 Checked By: SLH  
 Soil Vials Preserved (circle if applicable):  
 MeOH Low Level Lab  
 Sampling Time:

**Turnaround Requirements:**  
 Standard  
 48 Hour  
 4 Day  
 24 Hour  
 3 Day  
 \*Requires Prior Approval

Project Name: Birmingham Schools Resampling Sampled By: EB

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filled (Y/N)	Matrix	Number of Containers	Cost	Preservation	Analysis Requested	Remarks	Possible Health Hazards?
							HCl HNO <sub>3</sub> H <sub>2</sub> SO <sub>4</sub> NaOH Other				
1	10/31/18	6:25	B46 CF		WI	1					
2	10/31/18	6:27	B58 CF		WI	1					
3	10/31/18	6:30	B100 CF		WI	1					
<u>pb, cu</u>											

**Released By:** MB **Received By:** Martha Swann **Date:** 10/31/18 **Time:** 8:45

Please Sign  
 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](http://www.trace-labs.com/downloads).

**SAMPLE LOG IN CHECKLIST**

Trace ID #: TRF-765 Date: 10/31/18 Package Description: Cooler Temperature: 18.3  
 Client Name: Birmingham Schools Time: 13:45 Logged in by: JS

**Cooler Receipt**

Cooler/samples delivered by: Trace courier  Hand delivered  Commercial courier  Name of delivery person: Erin Brewer  
 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><b>Type of Coolant Used</b></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):                  Yes No <u>N/A</u></p>	<p style="text-align: center;"><b>Cooler Temperature</b></p> <p>Correction Factors: •Digital Stick Thermometer CF = -0.6°C                  •IR Thermometer CF = -0.8°C</p> <p>Representative Sample Temperature: <u>18.1</u> °C (check one below)  <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			Comments
Yes	No	NA	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
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<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	See Below*
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
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**Notes:**  
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**\*EMD pH Test Strips Used:**

pH 0-2.5 Lot: HC731452  pH 11.0-13.0 Lot: HC600691  
 Other: \_\_\_\_\_