

State of Michigan Laboratory ID: 8001

November 05, 2018

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

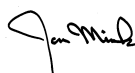
PROJECT: Pierce Resampling

TRACE ID: T18J762-01

<i>Sample Point Description</i>	<i>Collected</i>	<i>Collected By</i>	<i>Received at Laboratory</i>
P-90-CF	10/31/18 6:00	eb	10/31/18 13:45

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.25 mg/L	1.3	11/1/18 12:31	11/2/18 10:03	jbb	EPA 200.8 Rev. 5.4
Lead	0.012 mg/L	0.015	11/1/18 12:31	11/2/18 10:03	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
 ANALYTICAL LABORATORIES, INC.

Trace Analytical Laboratories, Inc.
 2241 Black Creek Road
 Muskegon, MI 49444-2673
 Phone 231.773.5998
 Fax 888.979.4469
 www.trace-labs.com

CHAIN-OF-CUSTODY RECORD

Page 1 of 1
 Trace ID No.
1185762

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

Billing To:
 PO #: _____
 Billing Address (if different): _____
 City, State, Zip Code: _____
 Phone Number: _____
 Billing Email Address: _____

Trace Use:
 Logged By: MJD
 Checked By: GH
 Soil Vastates 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 = Water
 SL = Sludge
 OI = Oil
 WI = Wipes
 LW = Liquid Waste
 A = Air
 D = Drinking Water

Trace No.	Date Collected	Time Collected	Client Sample ID	Sampled By	Matrix	Metals Field Filtered (Y/N)	Number of Containers	Preservation		Analysis Requested	Remarks	Possible Health Hazards?
								Cool	Other			
1	10/31/18	6:00	P 90 CE	SR	WI		1		X	Pb, Cu		

Please Sign

Released By	Requested By	Date	Time	Released By	Received By	Date	Time
<u>[Signature]</u>	<u>Maureen Dixon</u>	10/31/18	13:45				

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 #: TR762 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 Name of delivery person: Em Brenner
 Commercial courier 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"/> Multiple bags of ice around samples? <input type="checkbox"/> Ice Packs/ Blue Ice : <input type="checkbox"/> No Coolant Present: <input checked="" type="checkbox"/> Ice still present upon receipt (circle one): 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 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) Melt Water: <u>None</u> °C (Use Digital Stick Thermometer)</p>
--	---

	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 type="checkbox"/>	<input checked="" 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 pH 11.0-13.0
 Lot: HC731452 Lot: HC600691
 Other: _____