

April 05, 2016

ATC Associates
46555 Humboldt Dr.
Suite 100
Novi, MI 48377

Subject: Greenfield Union Elem. Middle School
18816170

Dear Mr. Smith :

Thank you for making Brighton Analytical, L.L.C. your laboratory of choice. Attached are the results for the samples submitted on 03/31/2016 for the above mentioned project. NELAP/TNI Accredited Analysis and MDEQ Drinking Water Certified Analysis will be identified in their respective reporting formats. Hard copies can be supplied at your request for a fee of \$20.00 per copy.

The invoice for this project will be emailed separately. If you have any questions concerning the data or invoice, please don't hesitate to contact our office. We welcome your comments and suggestions to improve our quality systems. Please reference Brighton Analytical, L.L.C. Project ID 38282 when calling or emailing. We thank you for this opportunity to partner with you on this project and hope to work with you again in the future.

Sincerely,
Brighton Analytical, L.L.C.





Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail: bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 3/29/2016 13:06
Submit Date/Time: 3/31/2016 11:00
Report Date: 4/5/2016

ATC Associates
46555 Humboldt Dr.
Suite 100
Novi, MI 48377

BA Project # **38282**
BA Sample ID **CC08654**

Project Name: **Greenfield Union Elem. Middle School**
Project Number: **18816170**
Sample ID: **1-DWF-P-GU-Hall by #106**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	30	ug/L	20	1300	EPA 200.8 rev5.4	04:45	04/01/2016
Total Lead (Drinking Water)	10	ug/L	1	15	EPA 200.8 rev5.4	04:45	04/01/2016

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by C. Reed
Date 4-5-16



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Sample Date/Time: 3/29/2016 13:10
Submit Date/Time: 3/31/2016 11:00
Report Date: 4/5/2016

ATC Associates
46555 Humboldt Dr.
Suite 100
Novi, MI 48377

BA Project # **38282**
BA Sample ID **CC08656**

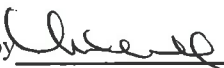
Project Name: **Greenfield Union Elem. Middle School**
Project Number: **18816170**
Sample ID: **2-TL-P-GU-Teachers Lounge #106**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	1200	ug/L	20	1300	EPA 200.8 rev5.4	05:17	04/01/2016
Total Lead (Drinking Water)	5	ug/L	1	15	EPA 200.8 rev5.4	05:17	04/01/2016

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by 
Date 4-5-16



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Sample Date/Time: 3/29/2016 13:15
Submit Date/Time: 3/31/2016 11:00
Report Date: 4/5/2016

ATC Associates
46555 Humboldt Dr.
Suite 100
Novi, MI 48377

BA Project # **38282**
BA Sample ID **CC08658**

Project Name: **Greenfield Union Elem. Middle School**
Project Number: **18816170**
Sample ID: **3-DWF-P-GU-Annex Hall**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	370	ug/L	20	1300	EPA 200.8 rev5.4	05:21	04/01/2016
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	05:21	04/01/2016

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by 
Date 4-5-16



BRIGHTON ANALYTICAL, LLC

QUALITY ASSURANCE/QUALITY
CONTROL

ICP-MS

METHOD 200.8

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 4/1/2016

Standard ID: 033116 H2O

Batch: 4/1/2016 W5

Matrix Spike Lab ID: CC08654

Matrix: Total

Analyst: LT

Metals	Matrix Spike - Precision *			Matrix Spike - Accuracy**				Miscellaneous***		
	Matrix Spike (ug/L)	Matrix Spike Dup (ug/L)	RPD (%)	Spk Conc (ug/L)	MS Recovery (%)	MSD Recovery (%)	Sample Conc (ug/L)	Method Blk (ug/L)	LCS-Method STD (%)	Ind. Std. SPEX 1&3 (%)
Copper	998	956	4.3	1000	96.7	92.5	31	<1	98.5	97.9
Lead	910	932	2.4	1000	90.0	92.2	10	<1	103.6	91.8

* Matrix spike precision range +/- 20% RPD

** Matrix spike accuracy range +/- 20% recovery

*** LCS accuracy range +/- 15% recovery / Ind std accuracy range +/- 10% recovery

Comments: _____