

May 04, 2016

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

Subject: Adult Ed Center East - 13840 Lappin
188BS16170

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 04/28/2016 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 38767 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: 4/27/2016 05:39
 Submit Date/Time: 4/28/2016 10:30
 Report Date: 5/4/2016

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

BA Project # **38767**
 BA Sample ID **CD01387**

Project Name: **Adult Ed Center East - 13840 Lappin**
 Project Number: **188BS16170**
 Sample ID: **1-F-P-AEE-Teacher's Lounge**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	800	ug/L	20	1300	EPA 200.8 rev5.4	16:57	05/02/2016
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	16:57	05/02/2016

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 5/4/16



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Sample Date/Time: 4/27/2016 05:43
 Submit Date/Time: 4/28/2016 10:30
 Report Date: 5/4/2016

ATC Associates
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 Suite 100
 Novi, MI 48377

BA Project # **38767**
 BA Sample ID **CD01389**

Project Name: **Adult Ed Center East - 13840 Lappin**
 Project Number: **188BS16170**
 Sample ID: **2-DWF-P-AAE-Hall by Office**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	820	ug/L	20	1300	EPA 200.8 rev5.4	17:02	05/02/2016
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	17:02	05/02/2016

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 5/4/16



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Sample Date/Time: 4/27/2016 05:46
 Submit Date/Time: 4/28/2016 10:30
 Report Date: 5/4/2016

ATC Associates
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 Suite 100
 Novi, MI 48377

BA Project # **38767**
 BA Sample ID **CD01391**

Project Name: **Adult Ed Center East - 13840 Lappin**
 Project Number: **188BS16170**
 Sample ID: **3-DWF-P-AAE Across from Welcome Ctr**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	830	ug/L	20	1300	EPA 200.8 rev5.4	17:06	05/02/2016
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	17:06	05/02/2016

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.

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Released by 
 Date 5/4/16



BRIGHTON ANALYTICAL, LLC

QUALITY ASSURANCE/QUALITY

CONTROL

ICP-MS METHOD 6020

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 5/2/2016

Standard ID: 042216 H2O

Batch: 4/29/2016 W2

Matrix Spike Lab ID: CD01471

Matrix:
Total

Analyst:
LT

Metals	Matrix Spike - Precision *			Matrix Spike - Accuracy**				Miscellaneous***		
	Matrix Spike (ug/kg)	Matrix Spike Dup (ug/kg)	RPD (%)	Spk Conc (ug/kg)	MS Recovery (%)	MSD Recovery (%)	Sample Conc (ug/kg)	Method Blk (ug/kg)	LCS-Method STD (%)	Ind. Std. (%)
Copper	1418	1406	0.8	1000	107.3	106.1	345	<20	102.9	102.4
Arsenic	996	990	0.6	1000	99.6	99.0	0	<1	99.3	97.4
Lead	971	994	2.3	1000	94.9	97.2	22	<1	95.3	94.2

* Matrix spike precision range +/- 20% RPD

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

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

Comments: _____