Brighton Analytical L.L.C.™
2105 Pless Drive · Brighton, Michigan 48114 · Phone (810) 229-7575 · Fax (810) 229-8650 · E-mail bai-brighton@sbcglobal.net

April 05, 2016

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

Subject: Carleton Elementary School
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 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 38258 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, L.L.C.™

Email: bai-brighton@sbcglobal.net

2105 Pless Drive
Brighton, MI 48114

Phone: 810-229-7575
Fax: 810-229-8650

BA PROJECT #: 38258

PROJECT NAME: Gateton Elementary School

PROJECT #: 188BS16170

PO #: (PLEASE NOTE IF DIFFERENT BILLING ADDRESS)

Sample collected by: Dawn Winther

REQUESTED TURNAROUND: (circle one)
Rush: 1 -3 business days (verify with lab & specify date needed)
1 Day = 2.5X Cost 2 Day = 2X Cost 3 Day = 1.5X Cost
Standard: 5 business days

If RUSH, approved by: _____

ABBREVIATIONS FOR MATRIX
S = Solid
L = Liquid
DW = Drinking H_2O
O = Oil
P = Wipe
A = Air (Tedlar Bag)
F = Filter
T = Tube
M = Misc.

Analysis Requested/Method

Brighton ID #	Sample Description	Sample Coll. Date	Sample Coll. Time	Container Type & Quantity: VOA'S (PRES) Y N N/A	HDPE UNPRESERVED	HDPE HNO_3	HDPE H_2SO_4	HDPE NAOH	AMBER PRESERVED?	GLASS, NO PRESERVATIVE	STERILIZED BACTERIA	MEOH Preserved Y N	Sample Matrix	Lead - Primary (P)	Copper - Primary (P)		Lead - FLUSH (F) - Hold	Copper - FLUSH (F) Hold			
1)	1-K-P-CARL - Kitchen	3/30	10:58			X							DW	X	X				CCO 8510		
2)	1-K-F-CARL - Kitchen	3/30	10:59			X							DW				X	X			11
3)	2-DwF-P-CARL - Rm #103	3/30	11:00			X							DW	X	X						12
4)	2-DwF-F-CARL - Rm #103	3/30	11:01			X							DW				X	X			13
5)	3-PreK-P-CARL PreK Annex	3/30	11:05			X							DW	X	X						14
6)	3-preKF-CARL - PreK - Annex	3/30	11:06			X							DW				X	X			15
7)																					
8)																					
9)																					
10)																					

PAGE 1 OF 1

COMPANY/MAILING ADDRESS:
ATC Group Services, LLC
46555 Humboldt Dr. Ste 100
Novi, MI 48377
ATTN: Robert Smith
PHONE: (248) 669-5400
FAX OR EMAIL: Robert.Smith@atcassociates.com

Samples received within hold time? yes ☑ no ☐
Temperature of samples °C: 4
pHs verified in login? yes ☑ no ☐
Headspace/bubbles in VOA's? yes ☐ no ☐ n/a ☑
Sample containers and COC match? yes ☑ no ☐

BILLING ADDRESS (IF REQUIRED):
SAME AS MAILING

Drinking H_2O:
Fax to LCHD? yes ☐ no ☒
Chlorinated Water Supply? yes ☒ no ☐
AMT.: NA

MCL Failure: yes ☐ no ☐
Client Notified (date/time/initials): _____

Special Instructions: If Lead or Copper IS above detection Limits - Analyze Flush Samples

Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses.

Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:	Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:
1	Dawn Winther		3-31-16	0900	3				
2					4			3/31/16	1100

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: 3/30/2016 10:58
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 # **38258**
BA Sample ID **CC08510**

Project Name: **Carleton Elementary School**
Project Number:**188BS16170**
Sample ID: **1-K-P-Carl-Kitchen**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	120	ug/L	20	1300	EPA 200.8 rev5.4	18:32	04/01/2016
Total Lead (Drinking Water)	1	ug/L	1	15	EPA 200.8 rev5.4	18:32	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
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: 3/30/2016 11:00
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 # **38258**
BA Sample ID **CC08512**

Project Name: **Carleton Elementary School**
Project Number: **188BS16170**
Sample ID: **2-DWF-P-Carl-Rm #103**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	300	ug/L	20	1300	EPA 200.8 rev5.4	18:36	04/01/2016
Total Lead (Drinking Water)	7	ug/L	1	15	EPA 200.8 rev5.4	18:36	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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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: 3/30/2016 11:05
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 # **38258**
BA Sample ID **CC08514**

Project Name: **Carleton Elementary School**
Project Number: **188BS16170**
Sample ID: **3-Pre K-P-Carl Pre K Annex**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	750	ug/L	20	1300	EPA 200.8 rev5.4	18:41	04/01/2016
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	18:41	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 L.L.C.

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 W1

Matrix Spike Lab ID: CC08497 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 (%)
Chromium	1025	1003	2.2	1000	102.2	100.0	3	<1	100.5	97.1
Copper	1033	1016	1.7	1000	100.3	98.6	30	<1	99.3	97.9
Zinc	1074	1069	0.5	1000	98.5	98.0	89	<5	100.9	96.6
Arsenic	1054	1037	1.6	1000	105.3	103.6	1	<1	101.0	95.9
Selenium	1058	1045	1.2	1000	105.5	104.2	3	<1	112.0	98.3
Silver	10.36	10.04	3.1	10	102.6	99.4	0.1	0.5	103.5	96.0
Cadmium	1028	999	2.9	1000	102.8	99.9	0	<0.2	101.8	94.5
Barium	1151	1138	1.1	1000	105.2	103.9	99	<5	101.8	98.4
Lead	990	961	3.0	1000	98.7	95.8	3	<1	96.7	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: _____