

April 11, 2016

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

Subject: Gompers Elementary-Middle 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 04/04/2016 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 38356 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.



BA

Brighton Analytical, L.L.C.™

Email: bai-brighton@shgglobal.net

2105 Pless Drive

Brighton, MI 48114

Phone: 810-229-7575

Fax: 810-229-8650

PROJECT NAME: Compass Elementary - middle school

PROJECT #: 1883546170

PO #: (PLEASE NOTE IF DIFFERENT BILLING ADDRESS)

Sample collected by: Dawn Winter

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

Brighton ID #	Sample Description	Date	Time
1)	1-DW-F-P-Comp-1401 by mt	4/1	12:00
2)	1-DW-F-P-Comp-1401 by mt	4/1	12:02
3)	2-K-P-Comp-Kitchen	4/1	12:05
4)	2-K-F-Comp-Kitchen	4/1	12:10
5)	3-DW-F-P-Comp-Plex-#105	4/1	12:58
6)	5-DW-F-P-Comp-Plex-#105	4/1	12:10
7)			
8)			
9)			
10)			

BA PROJECT #: 58350

ABBREVIATIONS FOR MATRIX

S = Solid

L = Liquid

DW = Drinking H₂O

O = Oil

P = Wipe

A = Air (Cellar Bag)

F = Filter

T = Tube

M = Misc.

Container Type & Quantity					
VOA'S (PRES) Y N N/A	HDPE UNPRESERVED	HDPE HNO ₃	HDPE H ₂ SO 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		
20 X	X			009083	
20 X	X	X	X	84	
20 X	X	X	X	85	
20 X	X	X	X	86	
20 X	X	X	X	87	
20 X	X	X	X	88	

COMPANY/MAILING ADDRESS:

1200 Group Services LLC

46555 Lakeside Dr STE 100

NATE, MI 48377

ATTN: Robert Smith

PHONE: (248) 669-5140

FAX OR EMAIL: 313-500-5000

Samples received within hold time? yes ☒ no ☐

Temperature of samples °C:

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):

Sample ASMA-EL-2000

Drinking H₂O:

Fax to LCHD? yes ☐ no ☒

Chlorinated Water Supply? yes ☐ no ☒

AMT.: 100

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	<u>Dawn Winter</u>	<u>Cheryl</u>	<u>4-4-16</u>	<u>12:32 pm</u>	3				
2					4				

Date _____



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: 4/1/2016 12:05
Submit Date/Time: 4/4/2016 12:32
Report Date: 4/11/2016

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

BA Project # **38356**
BA Sample ID **CC09085**

Project Name: **Gompers Elementary-Middle School**
Project Number: **188BS16170**
Sample ID: **2-K-P-Gomp-Kitchen**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
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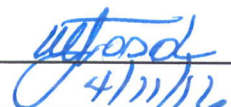
Drinking Water Metal Analysis

Total Copper (Drinking Water)	550	ug/L	20	1300	EPA 200.8 rev5.4	18:22	04/08/2016
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	18:22	04/08/2016

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 4/11/16

Date _____



BRIGHTON ANALYTICAL, LLC

QUALITY ASSURANCE/QUALITY
CONTROL

ICP-MS

EPA METHOD 200.8/6020

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: <u>4/8/2016</u>	Standard ID: <u>033116 H2O</u>	Batch: <u>4/6/2016 W3</u>
Matrix Spike Lab ID: <u>CC09095</u>	Matrix: <u>Total</u>	Analyst: <u>LT</u>

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 (%)
Magnesium	16014	15781	1.5	10000	90.9	88.6	6922	<100	92.2	90.1
Calcium	34432	34111	0.9	10000	92.8	89.6	25151	<100	95.3	93.4
Copper	951	938	1.4	1000	93.7	92.4	14	<1	96.4	96.0
Lead	906	897	1.0	1000	90.4	89.5	2	<1	92.3	91.1

* Matrix spike precision range +/- 20% RPD

** Matrix spike accuracy range +/- 30% recovery

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

Comments: _____