

May 10, 2016

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

Subject: Osborn College Prep. Academy 11600 E. 7 Mile
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 05/02/2016 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 38834 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: bat-brighton@sbcglobal.net 2105 Pless Drive Brighton, MI 48114 Phone: 810-229-7575 Fax: 810-229-8650				BA PROJECT # 38634 ABBREVIATIONS FOR MATRIX S = Solid L = Liquid DW = Drinking H ₂ O O = Oil P = Wipe A = Air (Tetlar Bag) F = Filter T = Tube M = Misc.				Analysis Requested/Method				COMPANY/MAILING ADDRESS: ATC Group Services LLC 46555 Humboldt Dr. Ste 200 Novi, MI 48377 ATTN: Robert Smith PHONE: (248) 669-5140 FAX OR EMAIL: Robert.Smith@ATCAGS.com Samples received within hold time? yes ☒ no ☐				PAGE <u>1</u> OF <u>1</u>			
PROJECT NAME: 11600 E. 7 mi. 12 PROJECT #: 188BS16170 PO #: (PLEASE NOTE IF DIFFERENT BILLING ADDRESS)				Sample collected by: Charlie GREEN				Sample Matrix				Temperature of samples °C: on ice pHs verified in login? yes ☒ no ☐ Headspace/bubbles in VOA's? yes ☐ no ☐ n/a ☒ Sample containers and COC match? yes ☒ no ☐							
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:				Container Type & Quantity				Sample Matrix							
Sample ID #				Sample Description				Date				Time							
1) 1-DW-F-P-Oshorn-Aux Gym				4/29 0620				HDPE UNPRESERVED				HDPE HNO ₃							
2) 1-DW-F-F-Oshorn-Aux Gym				4/29 0622				HDPE H ₂ SO ₄				HDPE HNO ₃							
3) 2-DW-F-P-Oshorn-Hall B3				4/29 0627				HDPE UNPRESERVED				HDPE HNO ₃							
4) 2-DW-F-F-Oshorn-Hall B3				4/29 0629				HDPE UNPRESERVED				HDPE HNO ₃							
5) 3-SF-P-Oshorn-Kitchen				4/29 0633				HDPE UNPRESERVED				HDPE HNO ₃							
6) 3-SF-F-Oshorn-Kitchen				4/29 0635				HDPE UNPRESERVED				HDPE HNO ₃							
7)																			
8)																			
9)																			
10)																			
BILLING ADDRESS (IF REQUIRED): Same As Mailing				Drinking H ₂ O: Fax to LCHD? yes ☐ no ☒ Chlorinated Water Supply? yes ☐ no ☒ AMT.:				MCL Failure: yes ☐ no ☒ Client Notified (date/time/initials):											
Special Instructions: If Lead or Copper Exceeds Detection Limits - Analyze Fluvit 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:				RECEIVED BY:							
1				Denver White				5/2/16 1045				3							
2				[Signature]				5/2/16 1130				4							



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: 4/29/2016 06:20
Submit Date/Time: 5/2/2016 11:30
Report Date: 5/10/2016

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

BA Project # **38834**
BA Sample ID **CD01859**

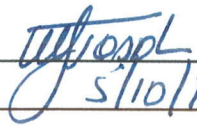
Project Name: **Osborn College Prep. Academy 11600 E. 7 Mile**
Project Number: **188BS16170**
Sample ID: **1-DWF-P-Osborn-Hall by Aux Gym**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	180	ug/L	20	1300	EPA 200.8 rev5.4	21:09	05/09/2016
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	21:09	05/09/2016

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 5/10/16



Brighton Analytical LLC
2105 Pless Drive
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Phone: (810)229-7575 (810)229-8650
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MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 4/29/2016 06:27
Submit Date/Time: 5/2/2016 11:30
Report Date: 5/10/2016

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

BA Project # **38834**
BA Sample ID **CD01861**

Project Name: **Osborn College Prep. Academy 11600 E. 7 Mile**
Project Number: **188BS16170**
Sample ID: **2-DWF-P-Osborn-Hall by #108**

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

Total Copper (Drinking Water)	450	ug/L	20	1300	EPA 200.8 rev5.4	21:14	05/09/2016
Total Lead (Drinking Water)	3	ug/L	1	15	EPA 200.8 rev5.4	21:14	05/09/2016

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

WJ/Pool
5/10/16



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: 4/29/2016 06:33
Submit Date/Time: 5/2/2016 11:30
Report Date: 5/10/2016

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

BA Project # **38834**
BA Sample ID **CD01863**

Project Name: **Osborn College Prep. Academy 11600 E. 7 Mile**
Project Number: **188BS16170**
Sample ID: **3-SF-P-Osborn-Kitchen**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	60	ug/L	20	1300	EPA 200.8 rev5.4	21:18	05/09/2016
Total Lead (Drinking Water)	3	ug/L	1	15	EPA 200.8 rev5.4	21:18	05/09/2016

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

[Signature]
5/10/16



BRIGHTON ANALYTICAL, LLC

QUALITY ASSURANCE/QUALITY
CONTROL

ICP-MS

METHOD 200.8/6020

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 5/9/2016

Standard ID: 050416 H2O

Batch: 5/4/2016 W3

Matrix Spike Lab ID: CD01871

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	1179	1169	0.9	1000	100.1	99.1	178	<20	104.3	104.2
Lead	1010	997	1.3	1000	101.0	99.7	0	<1	101.6	96.7

* Matrix spike precision range +/- 20% RPD

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

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

Comments: _____