

April 06, 2016

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

Subject: Golightly Education Center
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 38271 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@shcglobal.net 2105 Pless Drive Brighton, MI 48114 Phone: 810-229-7575 Fax: 810-229-8650				BA PROJECT #: 38271				Analysis Requested/Method				PAGE <u>1</u> OF <u>1</u> COMPANY/MAILING ADDRESS: ABC Group Services, LLC 46555 Humboldt Dr. Ste 100 N.E., ME 48377 ATTN: Robert Smith PHONE: (248) 669-5140 FAX OR EMAIL: Robert.Smith@abcgroup.com Samples received within hold time? yes ☒ no ☐ Temperature of samples °C: <u>4</u> pHs verified in login? yes ☒ no ☐ Headspace/bubbles in VOA's? yes ☐ no ☐ n/a ☒ Sample containers and COC match? yes ☒ no ☐			
ABBREVIATIONS FOR MATRIX S = Solid L = Liquid DW = Drinking H ₂ O O = Oil P = Wipe A = Air (Teflon Bag) F = Filter T = Tube M = Misc.				Sample Matrix				Sample Matrix				BILLING ADDRESS (IF REQUIRED): SAME AS MAILING			
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 MEQH Preserved Y N				Analysis Requested/Method				BILLING ADDRESS (IF REQUIRED): SAME AS MAILING			
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				IF RUSH, approved by: Sample Coll. Date Time				Analysis Requested/Method			
Brighton ID #				Sample Description				Sample Coll. Date Time				Analysis Requested/Method			
1) 1-DWF-P-GL - Hall by 10.5				3/29 9:57				DW X X				LEAD - Primary (P) Copper - Primary (P) LEAD - FLUSH (F) - Hold Copper - FLUSH (F) - Hold			
2) 1-DWF-F-GL - Hall by 10.5				3/29 9:58				DW X X				LEAD - FLUSH (F) - Hold Copper - FLUSH (F) - Hold			
3) 2-K-P-GL - Kitchen				3/29 10:02				DW X X				LEAD - FLUSH (F) - Hold Copper - FLUSH (F) - Hold			
4) 2-K-F-GL - Kitchen				3/29 10:03				DW X X				LEAD - FLUSH (F) - Hold Copper - FLUSH (F) - Hold			
5) 3-DWF-GL - Pre-K #103				3/29 10:10				DW X X				LEAD - FLUSH (F) - Hold Copper - FLUSH (F) - Hold			
6) 3-DWF-GL - Pre-K #103				3/29 10:11				DW X X				LEAD - FLUSH (F) - Hold Copper - FLUSH (F) - Hold			
7)															
8)															
9)				Bottle marked 3-DWF-GL -				DW X X				LEAD - FLUSH (F) - Hold Copper - FLUSH (F) - Hold			
10)				Bottle marked 3-DWF-F-GL -				DW X X				LEAD - FLUSH (F) - Hold Copper - FLUSH (F) - Hold			
Drinking H₂O: Fax to LCHD? yes ☐ no ☒ Chlorinated Water Supply? yes ☐ no ☒ MCL Failure: yes ☐ no ☒ Client Notified (date/time/initials):												Drinking H₂O: Fax to LCHD? yes ☐ no ☒ Chlorinated Water Supply? yes ☐ no ☒ 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.															
RELINQUISHED BY: Dawn Winter				RECEIVED BY: Dawn Winter				RELINQUISHED BY: Dawn Winter				RECEIVED BY: Dawn Winter			
Trans. # 1				DATE: 3/29/12				TIME: 9:40				DATE: 3/29/12			
Trans. # 2				DATE: 3/31/12				TIME: 11:00				DATE: 3/31/12			



Brighton Analytical, L.L.C.™

Email: ba@brighton-usa-global.net

2105 Pless Drive
Brighton, MI 48114
Phone: 810-229-7575
Fax: 810-229-8650

PROJECT NAME:

GeLightly Education Center

PROJECT #:

188BS16170

*) (PLEASE NOTE IF DIFFERENT BILLING ADDRESS)

Sample collected by:

Dawn Winter

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

Sample ID #

Sample Description

IF RUSH, approved by:

Sample Coll.

Date

Time

Container Type & Quantity

VOA'S (PRES) Y N NA

HDPE UNPERSERVED

HDPE H₂O

HDPE H₂SO₄

HDPE NAOH

AMBER PRESERVED

GLASS, NO PRESERVATIVE

STERILIZED BACTERIA

MEOH PRESERVED Y N

BA PROJECT #:

38271

ABBREVIATIONS FOR MATRIX

S = Solid

L = Liquid

DW = Drinking H₂O

O = Oil

P = Wipe

A = Air (red bag)

F = Filter

T = Tube

M = Misc.

Analysis Requested/Method

LEAD - Primary (P)

Copper - Primary (P)

LEAD - Flush (F) - Hold

Copper - Flush (F) - Hold

BILLING ADDRESS (IF REQUIRED):

Same as mailing

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.

RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:
Dawn Winter	[Signature]	5-31-16	9440				
[Signature]	[Signature]	3/31/16	1100				

Subject: [No Subject]

From: Robert Smith (robert.smith@atcassociates.com)

To: bai-brighton@sbcglobal.net;

Date: Tuesday, April 5, 2016 2:31 PM

On this chain of custody it appears we did not include the P for primary before the 3rd sample and the F for the 3rd sample. What do we need to do to have this changed on the final report? Do you need a revised COC to have this change on the report?

Robert C Smith | INDUSTRIAL HYGIENE DEPARTMENT MANAGER | ATC Group Services LLC
+1 248 467 4086 mobile

+1 248 669 5140 ext 127 Office

46555 Humboldt Drive, Suite 100 | Novi, MI 48377
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Attachments

- Golightly Educa. Center.pdf (440.70KB)



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 09:57
Submit Date/Time: 3/31/2016 11:00
Report Date: 4/6/2016

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

BA Project # **38271**
BA Sample ID **CC08588**

Project Name: **Golightly Education Center**
Project Number: **188BS16170**
Sample ID: **1-DWF-P-GL-Hall by 105**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	00:12	04/01/2016
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	00:12	04/01/2016

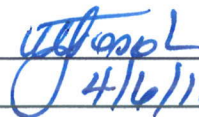
RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

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

Released by

Date


4/6/16



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: 3/29/2016 10:02
Submit Date/Time: 3/31/2016 11:00
Report Date: 4/6/2016

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

BA Project # **38271**
BA Sample ID **CC08590**

Project Name: **Golightly Education Center**
Project Number: **188BS16170**
Sample ID: **2-K-P-GL-Kitchen**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	320	ug/L	20	1300	EPA 200.8 rev5.4	00:17	04/01/2016
Total Lead (Drinking Water)	14	ug/L	1	15	EPA 200.8 rev5.4	00:17	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 _____

[Signature]
4/6/16

**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: 3/29/2016 10:10
Submit Date/Time: 3/31/2016 11:00
Report Date: 4/6/2016

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

BA Project # **38271**
BA Sample ID **CC08592**

Project Name: **Golightly Education Center**
Project Number: **188BS16170**
Sample ID: **3-DWF-P-GL-Pre-K-#103**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	410	ug/L	20	1300	EPA 200.8 rev5.4	00:22	04/01/2016
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	00:22	04/01/2016

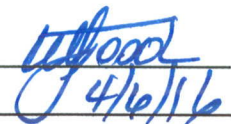
RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

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

Released by

Date


4/6/16



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 W3

Matrix Spike Lab ID: CC08576

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	1080	1068	1.1	1000	96.8	95.6	112	<1	97.1	97.9
Lead	962	959	0.3	1000	96.2	95.9	0	<1	95.5	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: _____