

May 04, 2016

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

Subject: Adult Ed Center-West 16164 Ashury Park
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 04/27/2016 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 38748 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: ba@brighton-sbcglobal.net
2105 Pless Drive
Brighton, MI 48114
Phone: 810-229-7575
Fax: 810-229-8650

BA PROJECT #:
38748

Analysis Requested/Method

PAGE 1 OF 1
COMPANY/MAILING ADDRESS:

PROJECT NAME:

Adult Ed Center - West Ashby Park

ABBREVIATIONS
FOR MATRIX
S = Solid
L = Liquid
DW = Drinking H₂O
O = Oil
P = Wipe
A = Air (Tear Bag)
F = Filter
T = Tube
M = Misc.

ATC Group Services, LLC
4655 Humboldt St. STE 100
NORTH, MI 48373
ATTN: Robert Smith
PHONE: (248) 669-5140
FAX OR EMAIL: ROBERT@ATCGROUPSERVICES.COM

PO #: (PLEASE NOTE IF DIFFERENT BILLING ADDRESS)

Sample collected by:

Andy Raver

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.

Brighton ID #

Date

VOA'S (PRES) Y N N/A

HDPE UNPRESERVED

HDPE HNO₃

HDPE H₂SO₄

HDPE NAOH

AMBER PRESERVED?

GLASS, NO PRESERVATIVE

STERILIZED BACTERIA

MEOH Preserved Y N

Container Type & Quantity

Sample Matrix

LEAD - primary (P)

Copper - primary (P)

LEAD FLUSH (F) - Hold

Copper FLUSH (F) - Hold

QDO

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):

Same as mailing

Drinking H₂O:

Fax to LCHD? yes ☐ no ☒

Chlorinated Water Supply? yes ☐ no ☒

AMT: **WA**

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	Dan White	[Signature]	4/27/12	1:00	3				
2	[Signature]	[Signature]	4-27-12	1:00	4				

pm.



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: 4/26/2016 05:54
Submit Date/Time: 4/27/2016 13:00
Report Date: 5/4/2016

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

BA Project # **38748**
BA Sample ID **CD01334**

Project Name: **Adult Ed Center-West 16164 Ashury Park**
Project Number: **188BS16170**
Sample ID: **1-DWF-P-AEW Hall @ 109**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	810	ug/L	20	1300	EPA 200.8 rev5.4	12:57	05/02/2016
Total Lead (Drinking Water)	4	ug/L	1	15	EPA 200.8 rev5.4	12:57	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



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: 4/26/2016 05:58
Submit Date/Time: 4/27/2016 13:00
Report Date: 5/4/2016

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

BA Project # **38748**
BA Sample ID **CD01336**

Project Name: **Adult Ed Center-West 16164 Ashury Park**
Project Number: **188BS16170**
Sample ID: **2-DWF-P-AEW Hall @ 205**

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	13:01	05/02/2016
Total Lead (Drinking Water)	4	ug/L	1	15	EPA 200.8 rev5.4	13:01	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



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: 4/26/2016 06:08
Submit Date/Time: 4/27/2016 13:00
Report Date: 5/4/2016

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

BA Project # **38748**
BA Sample ID **CD01338**

Project Name: **Adult Ed Center-West 16164 Ashury Park**
Project Number: **188BS16170**
Sample ID: **3-F-P-AEW-Office**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	220	ug/L	20	1300	EPA 200.8 rev5.4	13:19	05/02/2016
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	13:19	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



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 W1

Matrix Spike Lab ID: CD01336

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	1402	1427	1.8	1000	108.2	110.7	320	<20	106.4	102.4
Arsenic	1019	1021	0.2	1000	101.9	102.1	0	<1	101.6	97.4
Lead	982	1001	1.9	1000	97.8	99.7	4	<1	101.5	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: _____