

May 04, 2016

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

Subject: Phoenix Academy - 7735 Lane  
188BS16209

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 04/25/2016 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 38694 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 #:  
386694

ABBREVIATIONS  
FOR MATRIX

S = Solid  
L = Liquid

DW = Drinking H<sub>2</sub>O

O = Oil

P = Wipe

A = Air (Tealor Bag)

F = Filter

T = Tube

M = Misc.

Analysis Requested/Method

PAGE 4 OF 1  
COMPANY/MAILING ADDRESS:

BA Group Services, LLC  
46555 Humboldt Dr. STE 100  
NORFOLK VA 23577

ATTN: Robert Smith

PHONE: (248) 665-5140

FAX OR EMAIL: RSMITH@BAANALYTICAL.COM

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):

Some OS materials

Drinking H<sub>2</sub>O:

Fax to LCHD?  yes  no

Chlorinated Water Supply?  yes  no

AMT.:

MCL Failure:  yes  no

Client Notified (date/time/initials):

PROJECT NAME:

Phoenix Academy  
7735 Lane

PROJECT #:

1883516209

PO #: (PLEASE NOTE IF DIFFERENT BILLING ADDRESS)

Sample collected by:

Diana 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.

Container Type & Quantity

VOA'S (PRES) Y N N/A

HDPE UNPRESERVED

HDPE HNO<sub>3</sub>

HDPE H<sub>2</sub>SO<sub>4</sub>

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

CD0118

1119

1120

1121

1122

1123

BILLING ADDRESS (IF REQUIRED):

Some OS materials

Drinking H<sub>2</sub>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 is above detection limits - Please analyze PLUMB SPOKE

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	Diana Winter	[Signature]	4/25/16	12:00	3				
2	[Signature]	[Signature]	4/25/16	1:30	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: 4/22/2016 07:29  
 Submit Date/Time: 4/25/2016 13:30  
 Report Date: 5/4/2016

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

BA Project # **38694**  
 BA Sample ID **CD01118**

Project Name: **Phoenix Academy - 7735 Lane**  
 Project Number: **188BS16209**  
 Sample ID: **1-DWF-P-PHNX-Hall @ 112**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
<b>Drinking Water Metal Analysis</b>							
Total Copper (Drinking Water)	180	ug/L	20	1300	EPA 200.8 rev5.4	09:36	05/02/2016
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	09:36	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: 4/22/2016 07:36  
 Submit Date/Time: 4/25/2016 13:30  
 Report Date: 5/4/2016

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

BA Project # **38694**  
 BA Sample ID **CD01120**

Project Name: **Phoenix Academy - 7735 Lane**  
 Project Number: **188BS16209**  
 Sample ID: **2-DWF-P-PHNX-Hall @ Cafeteria**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
<b>Drinking Water Metal Analysis</b>							
Total Copper (Drinking Water)	50	ug/L	20	1300	EPA 200.8 rev5.4	09:41	05/02/2016
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	09:41	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: 4/22/2016 07:39  
 Submit Date/Time: 4/25/2016 13:30  
 Report Date: 5/4/2016

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

BA Project # **38694**  
 BA Sample ID **CD01122**


Project Name: **Phoenix Academy - 7735 Lane**  
 Project Number: **188BS16209**  
 Sample ID: **3-K-P-PHNX-Kitchen**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
<b>Drinking Water Metal Analysis</b>							
Total Copper (Drinking Water)	30	ug/L	20	1300	EPA 200.8 rev5.4	09:45	05/02/2016
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	09:45	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: 4/27/2016 W11

Matrix Spike Lab ID: CD01106

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	1010	1037	2.6	1000	96.7	99.4	43	<20	99.4	102.4
Lead	916	953	4.0	1000	91.5	95.2	1	<1	94.5	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: \_\_\_\_\_