



2105 Pless Drive • Brighton, Michigan 48114 • Phone (810) 229-7575 • Fax (810) 229-8650 • E-mail bai-brighton@sbcglobal.net

April 05, 2016

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

Subject: Detroit International Academy
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 38284 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 #: 38284		Analysis Requested/Method		COMPANY/MAILING ADDRESS: ATE Group Services LLC 46555 Humboldt Dr STE 100 Niles, MI 48847 ATTN: Robert Smith PHONE: (248) 669-5140 FAX OR EMAIL: Robert.Smith@ATEASOCIATES.COM		PAGE <u>1</u> OF <u>1</u>	
PROJECT NAME: <u>Detroit International Academy</u> PROJECT #: <u>1883516170</u> PO #: (PLEASE NOTE IF DIFFERENT BILLING ADDRESS)				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		Analysis Requested/Method			
Sample collected by: <u>Dawn Wintner</u> 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				CONTAINER TYPE & QUANTITY				Analysis Requested/Method			
Brighton ID #		Sample Description		Date Time		IF RUSH, approved by:		Sample Coll.		Analysis Requested/Method	
1) 1-DW-F-P-DEA-PRE-K #103		3/29 10:37						LEAD - Primary CPl		LEAD - FLUSH (F) Hold	
2) 1-DW-F-P-DEA-PRE-K #103		3/29 10:39						COPPER - Primary CPl		COPPER - FLUSH (F) - Hold	
3) 2-DW-F-P-DEA-HALL Bg 102		3/29 10:41						LEAD - Primary CPl		LEAD - FLUSH (F) Hold	
4) 2-DW-F-P-DEA-HALL Bg 102		3/29 10:43						COPPER - Primary CPl		COPPER - FLUSH (F) - Hold	
5) 3-K-P-DEA-Kitchen		3/29 10:50						LEAD - Primary CPl		LEAD - FLUSH (F) Hold	
6) 3-K-F-DEA-Kitchen		3/29 10:51						COPPER - Primary CPl		COPPER - FLUSH (F) - Hold	
7)											
8)											
9)											
10)											

Special Instructions:

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 Wintner</u>	<u>[Signature]</u>	3-21-16	0900	3				
2	<u>[Signature]</u>	<u>Wintner</u>	3/21/16	1100	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: 3/29/2016 10:37
Submit Date/Time: 3/31/2016 11:00
Report Date: 4/5/2016

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

BA Project # **38284**
BA Sample ID **CC08690**

Project Name: **Detroit International Academy**
Project Number: **188BS16170**
Sample ID: **1-DWF-P-DIA-Pre-K #103**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	600	ug/L	20	1300	EPA 200.8 rev5.4	14:08	04/04/2016
Total Lead (Drinking Water)	1	ug/L	1	15	EPA 200.8 rev5.4	14:08	04/04/2016

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 4/5/16

Date _____

Released by Uthman
Date 4/5/16



BRIGHTON ANALYTICAL, LLC

QUALITY ASSURANCE/QUALITY
CONTROL

ICP-MS

EPA METHOD 200.8/6020

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 4/4/2016

Standard ID: 033116 H2O

Batch: 4/1/2016 W7

Matrix Spike Lab ID: CC08704

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 (%)
Aluminium	1021	1010	1.1	1000	97.3	96.2	48	<50	98.5	97.2
Chromium	985	989	0.4	1000	98.5	98.9	0	<1	100.0	97.1
Cobalt	984	986	0.2	1000	98.4	98.6	0	<10	99.8	98.0
Nickel	997	999	0.2	1000	99.5	99.7	2	<1	100.8	98.4
Copper	1250	1260	0.8	1000	98.2	99.2	268	<1	101.3	100.5
Zinc	1019	1016	0.3	1000	96.7	96.4	52	<10	96.7	97.2
Arsenic	1002	1006	0.4	1000	100.2	100.6	0	<1	100.5	96.7
Molybdenum	1003	982	2.1	1000	100.3	98.2	0	<10	99.5	97.3
Silver	9.85	9.90	0.5	10	98.5	99.0	0	<0.2	100.8	96.7
Cadmium	987	977	1.0	1000	98.7	97.7	0	<0.2	99.8	97.2
Lead	989	996	0.7	1000	98.5	99.2	4	<1	99.3	95.1

* Matrix spike precision range +/- 20% RPD

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

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

Comments: _____

ICP-MS

EPA METHOD 200.8/6020

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