Brighton Analytical L.L.C.™
2105 Pless Drive · Brighton, Michigan 48114 · Phone (810) 229-7575 · Fax (810) 229-8650 · E-mail bal-brighton@sbcglobal.net

May 02, 2016

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

Subject: Nolan Elem/Mid School 1150 Lantz
18816209

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 04/22/2016 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 38652 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.

DEQ
Certified WBENC Women's Business Enterprise

Brighton Analytical, L.L.C.™
Email: ba@brightonanalytical
2105 Pless Drive, Brighton, MI 48114
Phone: 810-229-7575
Fax: 810-229-8650

BA PROJECT #: 38652

PAGE 1 OF 1

PROJECT NAME: 1150 Lantz Nolan Elem/mid School

PROJECT #: 188162209

PO #: (PLEASE NOTE IF DIFFERENT BILLING ADDRESS)

Sample collected by: Dawn Winther

ABBREVIATIONS FOR MATRIX: S = Solid; L = Liquid; DW = Drinking H2O; O = Oil; W = Wipe; A = Air (indicate); F = Filter; T = Tube; M = Mix

REQUESTED TURNAROUND? (circle one): Rush (please check 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.

Analysis Requested/Method

Brighton ID	Sample Description	Date	Time	VOA'S (PRES) Y N N/A	HDPE UNPRESERVED	HDPE HNO_3	HDPE H_2SO_4	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			
1)	1-K-P-Nolan-Kitchen	4/19	0639			X							DW	X	X				CD00		796
2)	1-K-F-Nolan-Kitchen	4/19	0640			X							DW				X	X			797
3)	2-K-P-Nolan-PreK #112	4/19	0646			X							DW	X	X						798
4)	2-K-F-Nolan PreK #112	4/19	0647			X							DW				X	X			799
5)	3-Duf-P-Nolan Hall @108	4/19	0649			X							DW	X	X						800
6)	3-Duf-F-Nolan Hall @108	4/19	0650			X							DW				X	X			801
7)																					
8)																					
9)																					
10)																					

COMPANY MAILING ADDRESS:
ATC Group Services, LLC
46555 Humboldt Dr. Ste 10
Novi, MI 48377
ATTN: Robert Smith
PHONE: (248)669-5140
FAX OR EMAIL: Robert.Smith@atcgroupservices

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 DIFFERENT):
Same as mailing

Drinking H_2O:
Fax to LCHD? yes ☐ no ☒
Chlorinated Water Supply? yes ☒ no ☐
AMT.: NA

MCL Failure: yes ☐ no ☐
Client Notified (date/time/initials): ____

Special Instructions: If lead or copper is above detection limit - analyze full samples

Please fill out the Chain of Custody completely and correctly. Incorrect or incomplete information will result in a delay on all analysis.

RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:
Dawn Winther	[signature]	4/22/16	0900				
[signature]	[signature]	4/22/16	9:30				

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: 4/19/2016 06:39
Submit Date/Time: 4/22/2016 09:30
Report Date: 5/2/2016

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

BA Project # **38652**
BA Sample ID **CD00796**

Project Name: **Nolan Elem/Mid School 1150 Lantz**
Project Number: **18816209**
Sample ID: **1-K-P-Nolan-Kitchen**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	160	ug/L	20	1300	EPA 200.8 rev5.4	21:36	04/28/2016
Total Lead (Drinking Water)	6	ug/L	1	15	EPA 200.8 rev5.4	21:36	04/28/2016

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 5/2/16

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

Sample Date/Time: 4/19/2016 06:46
Submit Date/Time: 4/22/2016 09:30
Report Date: 5/2/2016

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

BA Project # **38652**
BA Sample ID **CD00798**

Project Name: **Nolan Elem/Mid School 1150 Lantz**
Project Number: **18816209**
Sample ID: **2-K-P-Nolan-Pre K #112**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	70	ug/L	20	1300	EPA 200.8 rev5.4	21:40	04/28/2016
Total Lead (Drinking Water)	5	ug/L	1	15	EPA 200.8 rev5.4	21:40	04/28/2016

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

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Released by

Date 5/2/16

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MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 4/19/2016 06:49
Submit Date/Time: 4/22/2016 09:30
Report Date: 5/2/2016

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

BA Project # **38652**
BA Sample ID **CD00800**

Project Name: **Nolan Elem/Mid School 1150 Lantz**
Project Number: **18816209**
Sample ID: **3-DWF-P-Nolan Hall @ 108**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	30	ug/L	20	1300	EPA 200.8 rev5.4	21:45	04/28/2016
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	21:45	04/28/2016

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 5/2/16

Brighton Analytical L.L.C.

BRIGHTON ANALYTICAL, LLC

QUALITY ASSURANCE/QUALITY CONTROL

ICP-MS
METHOD 6020

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 4/28/2016 Standard ID: 042216 H2O Batch: 4/22/2016 W12

Matrix Spike Lab ID: CD00725 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	1012	1015	0.3	1000	100.9	101.2	3	<20	104.0	103.9
Arsenic	1015	1011	0.4	1000	100.9	100.5	6	<1	99.3	98.7
Lead	998	1003	0.5	1000	99.8	100.3	0	<1	100.1	96.5

* Matrix spike precision range +/- 20% RPD
** Matrix spike accuracy range +/- 20% recovery
*** LCS accuracy range +/- 15% recovery / Ind std accuracy range +/- 10% recovery

Comments: