

June 13, 2016

Ms. Lateefah Walker
Marvin L. Winans Academy of Performing Arts
7616 East Nevada
Detroit, Michigan 48234

RE: Drinking Water Sampling Test Results Summary Report for Rutherford Winan's Academy, 16411 Curtis Street, Detroit, Michigan (ASTI Project No. 9701)

Dear Ms. Walker:

Pursuant to your request, ASTI Environmental (ASTI) collected water samples from three locations at Rutherford Winan's Academy, located at 16411 Curtis Street in Detroit, Michigan. The purpose of the sampling was to test the drinking water for the presence of lead.

Sample Collection

ASTI personnel collected six samples on the morning of Wednesday, June 1, 2016. The building was vacant at least 8 hours prior to sample collection. Two samples (one first draw and one 30 second flush sample) were collected from three different water sources (two sinks and one drinking water fountain) spread throughout the structure. The samples were collected based on procedures outlined in the EPA guidance document *Quick Guide to Drinking Water Sample Collection, dated April of 2005*.

Summary of Results

ASTI contracted Brighton Analytical to perform the sample testing. The table below illustrates the laboratory test results from the six samples collected. Further review of the data revealed each of the samples collected was below the EPA Drinking Water Criteria.

Please call if you have any questions or need additional information on the sampling.

Sincerely,

ASTI Environmental



David A. Amir, EP
Project Manager

**Drinking Water Summary Table
Rutherford Winan's Academy
16411 Curtis Street
Detroit, Michigan**

Sample ID	Location	Sample Type	Lead Concentration (µg/L)	EPA Standard (µg/L)
KC-P-01	Kitchen Sink	First Draw	2	15
KC-F-01		Flush	2	15
H-01-DW-P-01	1 st Floor Hallway Drinking Fountain- NE Hallway Junction	First Draw	6	15
H-01-DW-F-01		Flush	4	15
R105-CF-01-P-01	Room 105 (Kindergarten)- Classroom Faucet	First Draw	6	15
R105-CF-01-F-01		Flush	5	15

Attachment A

**Laboratory Results of Water Testing and
Chain of Custody**

June 07, 2016

Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116

Subject: Rutherford Winans
9701

Dear Mr. Amir :

Thank you for making Brighton Analytical, L.L.C. your laboratory of choice. Attached are the results for the samples submitted on 06/02/2016 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 39367 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 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: 6/1/2016 06:45
 Submit Date/Time: 6/2/2016 15:15
 Report Date: 6/7/2016

Applied Science & Technology
 10448 Citation Drive
 Suite 100
 Brighton, MI 48116

BA Project # **39367**
 BA Sample ID **CD04212**

Project Name: **Rutherford Winans**
 Project Number: **9701**
 Sample ID: **KC-P-01**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	19:49	06/06/2016

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 6/7/16



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Sample Date/Time: 6/1/2016 06:45
 Submit Date/Time: 6/2/2016 15:15
 Report Date: 6/7/2016

Applied Science & Technology
 10448 Citation Drive
 Suite 100
 Brighton, MI 48116

BA Project # **39367**
 BA Sample ID **CD04213**

Project Name: **Rutherford Winans**
 Project Number: **9701**
 Sample ID: **KC-F-01**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	19:53	06/06/2016

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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Sample Date/Time: 6/1/2016 06:50
 Submit Date/Time: 6/2/2016 15:15
 Report Date: 6/7/2016

Applied Science & Technology
 10448 Citation Drive
 Suite 100
 Brighton, MI 48116

BA Project # **39367**
 BA Sample ID **CD04214**

Project Name: **Rutherford Winans**
 Project Number: **9701**
 Sample ID: **H-01-DW-01-P-01**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Lead (Drinking Water)	6	ug/L	1	15	EPA 200.8 rev5.4	19:58	06/06/2016

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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 Date 6/7/16



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 NELAC Accredited #176507

Sample Date/Time: 6/1/2016 06:50
 Submit Date/Time: 6/2/2016 15:15
 Report Date: 6/7/2016

Applied Science & Technology
 10448 Citation Drive
 Suite 100
 Brighton, MI 48116

BA Project # **39367**
 BA Sample ID **CD04215**

Project Name: **Rutherford Winans**
 Project Number: **9701**
 Sample ID: **H-01-DW-01-F-01**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Lead (Drinking Water)	4	ug/L	1	15	EPA 200.8 rev5.4	20:16	06/06/2016

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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Sample Date/Time: 6/1/2016 06:58
 Submit Date/Time: 6/2/2016 15:15
 Report Date: 6/7/2016

Applied Science & Technology
 10448 Citation Drive
 Suite 100
 Brighton, MI 48116

BA Project # **39367**
 BA Sample ID **CD04216**

Project Name: **Rutherford Winans**
 Project Number: **9701**
 Sample ID: **R105-CF-01-P-01**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Lead (Drinking Water)	6	ug/L	1	15	EPA 200.8 rev5.4	20:34	06/06/2016

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.

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 Date 6/7/16



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Sample Date/Time: 6/1/2016 06:58
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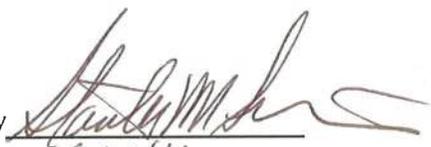
BA Project # **39367**
 BA Sample ID **CD04217**

Project Name: **Rutherford Winans**
 Project Number: **9701**
 Sample ID: **R105-CF-01-F-01**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Lead (Drinking Water)	5	ug/L	1	15	EPA 200.8 rev5.4	20:39	06/06/2016

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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 Date 6/7/16



BRIGHTON ANALYTICAL, LLC

QUALITY ASSURANCE/QUALITY
CONTROL

ICP-MS

EPA METHOD 200.8/6020

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 6/6/2016

Standard ID: 060116 H2O

Batch: 6/3/2016 W1

Matrix Spike Lab ID: CD04214

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 (%)
Sodium	15068	15451	2.5	10000	105.0	108.9	4565	<1000	94.6	91.7
Potassium	10335	10501	1.6	10000	93.9	95.5	948	<100	91.8	91.7
Copper	1016	1032	1.6	1000	98.6	100.2	30	<1	97.3	97.4
Arsenic	988	1000	1.2	1000	98.8	100.0	0	<1	96.6	95.0
Lead	976	996	2.0	1000	97.0	99.0	6	<1	95.7	94.0

* Matrix spike precision range +/- 20% RPD

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

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

Comments: _____