

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 Winan's Academy of Performing Arts - Dominican Campus, 9740 McKinney Street, Detroit, Michigan (ASTI Project No. 9701)

Dear Ms. Walker:

Pursuant to your request, ASTI Environmental (ASTI) collected water samples from three locations at the Winan's Academy of Performing Arts – Dominican Campus, located at 9740 McKinney 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 2, 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 (one sinks and two drinking water fountains) 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
Winan's Academy of Performing Arts – Dominican Campus
9740 McKinney Street
Detroit, Michigan

Sample ID	Location	Sample Type	Lead Concentration (µg/L)	EPA Standard (µg/L)
H-01-DW-01-P-01	1 st Floor Hall near Cafeteria	First Draw	Not Detected	15
H-01-DW-01-F-01		Flush	Not Detected	15
KC-P-01	Kitchen Sink-Cold Water-Closest to Wall	First Draw	2	15
KC-F-01		Flush	Not Detected	15
MOD-H-DW-01-P-01	Modular Hallway outside of Kindergarten Classrooms	First Draw	Not Detected	15
MOD-H-DW-01-F-01		Flush	Not Detected	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: Dominican 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 39366 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.I.C.™

2105 Pless Drive
Brighton, MI 48114

Phone: 810-229-7575
Fax: 810-229-8650

BA PROJECT #:
893566

ABBREVIATIONS
FOR MATRIX

S = Solid
L = Liquid
DW = Drinking H₂O
WW = Wastewater
O = Oil
P = Wipe
A = Air (Tedlar Bag)
F = Filter
T = Tube
M = Methanol

Analysis Requested/Method

PAGE 1 OF 1

REPORT RESULTS TO:

clerim@ast-arc.com

Attn:

David Hume

PHONE:

FAX:

Sample received within holding time? yes no

For TCLP ONLY - Federal Limits Other

Samples intact: yes no (if no, see below)

Note samples if not intact:

Headspace/bubbles in VOA'S? yes no n/a

Sample containers and COC match? yes no

Comments:

PTZ 22 Standard in
begin on
6-2-14

Temperature of Samples °C: _____

Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses.

COMPANY NAME: AST Environmental
PROJECT NAME: Dominican Winery's
PROJECT NUMBER: 9701
P. O. NUMBER:

Container Type & Quantity

Sample Matrix

FOR DISSOLVED METALS (L) LAB TO FILTER (F) FIELD FILTERED

REQUESTED TURNAROUND: (circle one)
Rush: 1-3 business days (verify with lab & specify date needed)
Expedited: 3 business days
Standard: 10 business days

IF RUSH,
approved by: _____

Sampling
Time Date

VOA'S (PRES) Y N

HDPE UNPRESERVED

HDPE HNO₃

HDPE H₂SO₄

HDPE NAOH

AMBER

GLASS H₂SO₄

GLASS, NO PRESERVATIVE

MEOH Preserved:
(Field or Lab Preserved)

Brighton ID #	Sample Description	Time	Date	VOA'S (PRES) Y N	HDPE UNPRESERVED	HDPE HNO ₃	HDPE H ₂ SO ₄	HDPE NAOH	AMBER	GLASS H ₂ SO ₄	GLASS, NO PRESERVATIVE	MEOH Preserved: (Field or Lab Preserved)	Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:
1	H-01-DW-01-P-01	635	6/4/10		1								3			6-2-14	1515
2	H-01-DW-01-F-01	635	6/4/10		1								4				
3	KC-P-01	640	6/4/10		1												
4	KC-F-01	640	6/4/10		1												
5	MOD-H-DW-01-P-01	650	6/2/10		1												
6	MOD-H-DW-01-F-01	650	6/2/10		1												
7)																	
8)																	
9)																	
10)																	
11)																	

RELINQUISHED BY:

RECEIVED BY:

DATE:

TIME:

Trans. #

RELINQUISHED BY:

RECEIVED BY:

DATE:

TIME:



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: 6/2/2016 06:35
 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 # **39366**
 BA Sample ID **CD04206**

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

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
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Drinking Water Metal Analysis

Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	19:08	06/06/2016
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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: 6/2/2016 06:35
 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 # **39366**
 BA Sample ID **CD04207**

Project Name: **Dominican 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)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	19:12	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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 NELAC Accredited #176507

Sample Date/Time: 6/2/2016 06:40
 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 # **39366**
 BA Sample ID **CD04208**

Project Name: **Dominican 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	19:17	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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 MDNRE Certified #9404
 NELAC Accredited #176507

Sample Date/Time: 6/2/2016 06:40
 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 # **39366**
 BA Sample ID **CD04209**

Project Name: **Dominican 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)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	19:35	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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 Brighton, Michigan 48114
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 MDNRE Certified #9404
 NELAC Accredited #176507

Sample Date/Time: 6/2/2016 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 # **39366**
 BA Sample ID **CD04210**

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

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	19:40	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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 MDNRE Certified #9404
 NELAC Accredited #176507

Sample Date/Time: 6/2/2016 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 # **39366**
 BA Sample ID **CD04211**

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

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	19:44	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



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: _____