



May 10, 2016

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**Subject: US EPA Drinking Water Sampling and Results  
Buildings Owned and Operated by Global Educational Excellence  
White Academy located at 5161 Charles St, Detroit  
AND  
Edmonson Academy located at 1300 W. Canfield St, Detroit  
TEK Project Number: CI0118/021**

Dear Ms. Porada:

TEK Environmental & Consulting Services, Inc. (TEK) was contracted by Ms. Maggie Porada, Coordinator - Compliance & Board of Directors, on behalf of Global Educational Excellence to provide third party drinking water sampling within the Excellence White Academy located at 5161 Charles Street and Edmonson Academy located at 1300 W. Canfield St, Detroit. Mr. Tyler Lenling of TEK provided water sampling on April 29, 2016.

Sampling protocols were based upon the US Environmental Protection Agency (EPA) Drinking Water Standard for K-12 Schools. Initial sampling locations were identified as most frequently used drinking water sources, including Hallway Drinking Fountains by the children, Teacher's Lounge Sink, Kitchen Sink and Boiler Rooms (water main entering the building). Sampling drinking water was conducted after the water remained idle with no use for 8 to 12 hours prior to sample collection. TEK collected 1<sup>st</sup> and 2<sup>nd</sup> Draw samples.

The 1<sup>st</sup> draw of the water represented water in the fixture that sat overnight and was immediately collected with no run out. The 2<sup>nd</sup> draw represented water within the header or water line prior to the drinking water fixture or fountain head and water was allowed to escape the fixture or drinking fountain line prior to collection of the building system water. The city water main was collected and representative of water coming into the buildings by means of collecting the water after a 20 second run time. This sample collection is labeled as a 3<sup>rd</sup> draw sample and is most accurate to water supplied from the municipal source.

**TEK Environmental & Consulting Services, Inc.**  
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Samples were collected within sample bottles prepared by the State of Michigan and EPA Accredited drinking water laboratory with the appropriate preservative of Nitric Acid prepped within the containers. Samples were submitted to Brighton Analytical for Lead Analysis for Drinking Water, EPA Method 200.8. A copy of the Chain of Custody form and laboratory analysis report is attached for your records. Please refer to the Sample Locations & Results below.

### WHITE ACADEMY DRINKING WATER SAMPLING

Nineteen (19) water samples were submitted to Brighton Analytical, LLC for the identification of Total Lead in Drinking Water, EPA Method 200.8 rev5.4. The Maximum Contaminant Levels (MCL) is 15 ppm, per the EPA Guidelines. Please refer to the below for sample locations and results. A copy of the Chain of Custody form and laboratory analysis report is attached for your records.

#### ABBREVIATIONS:

**Sample ID: DF= Drinking Fountain**  
**MCL= EPA Maximum Concentration Limit**  
**RL= Reporting Limit**

#### Sample 001

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BA Project #	<b>38826</b>	Project Name: <b>GEE White</b>					
BA Sample ID	<b>CD01777</b>	Project Number: <b>CIO</b>					
		Sample ID: <b>W001A DF O/S Main Office 1st Draw</b>					
Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
<b>Drinking Water Metal Analysis</b>							
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	16:01	05/09/2016

#### Sample 002

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BA Project #	<b>38826</b>	Project Name: <b>GEE White</b>					
BA Sample ID	<b>CD01778</b>	Project Number: <b>CIO</b>					
		Sample ID: <b>W001B DF O/S Main Office 2nd Draw</b>					
Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
<b>Drinking Water Metal Analysis</b>							
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	16:06	05/09/2016

#### Sample 003

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BA Project #	<b>38826</b>	Project Name: <b>GEE White</b>					
BA Sample ID	<b>CD01779</b>	Project Number: <b>CIO</b>					
		Sample ID: <b>W002A DF O/S Rm 224B 1st Draw</b>					
Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
<b>Drinking Water Metal Analysis</b>							
Total Lead (Drinking Water)	4	ug/L	1	15	EPA 200.8 rev5.4	16:24	05/09/2016

### Sample 004

BA Project #	<b>38826</b>	Project Name: <b>GEE White</b>						
BA Sample ID	<b>CD01780</b>	Project Number: <b>CIO</b>						
		Sample ID: <b>W002B DF O/S Rm 224B 2nd Draw</b>						
Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date	
<b>Drinking Water Metal Analysis</b>								
Total Lead (Drinking Water)	5	ug/L	1	15	EPA 200.8 rev5.4	16:28	05/09/2016	

### Sample 005

BA Project #	<b>38826</b>	Project Name: <b>GEE White</b>						
BA Sample ID	<b>CD01781</b>	Project Number: <b>CIO</b>						
		Sample ID: <b>W003A DF O/S 236 1st Draw</b>						
Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date	
<b>Drinking Water Metal Analysis</b>								
Total Lead (Drinking Water)	14	ug/L	1	15	EPA 200.8 rev5.4	16:33	05/09/2016	

### Sample 006

BA Project #	<b>38826</b>	Project Name: <b>GEE White</b>						
BA Sample ID	<b>CD01782</b>	Project Number: <b>CIO</b>						
		Sample ID: <b>W003B DF O/S 236 2nd Draw</b>						
Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date	
<b>Drinking Water Metal Analysis</b>								
Total Lead (Drinking Water)	5	ug/L	1	15	EPA 200.8 rev5.4	16:37	05/09/2016	

### Sample 007

BA Project #	<b>38826</b>	Project Name: <b>GEE White</b>						
BA Sample ID	<b>CD01783</b>	Project Number: <b>CIO</b>						
		Sample ID: <b>W004A DF O/S 338 1st Draw</b>						
Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date	
<b>Drinking Water Metal Analysis</b>								
Total Lead (Drinking Water)	15	ug/L	1	15	EPA 200.8 rev5.4	16:42		

### Sample 008

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BA Project #	<b>38826</b>	Project Name: <b>GEE White</b>				
BA Sample ID	<b>CD01784</b>	Project Number: <b>CIO</b>				
		Sample ID: <b>W004B DF O/S 338 2nd Draw</b>				
Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	24	ug/L	1	15	EPA 200.8 rev5.4	17:00

**\*\*\*Please note that the 2<sup>nd</sup> Draw of Sample 008 is over the EPA MCL of 15 ug/L for lead**

### Sample 009

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BA Project #	<b>38826</b>	Project Name: <b>GEE White</b>				
BA Sample ID	<b>CD01785</b>	Project Number: <b>CIO</b>				
		Sample ID: <b>W005A L DF O/S 322 1st Draw</b>				
Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	3	ug/L	1	15	EPA 200.8 rev5.4	17:05

### Sample 010

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BA Project #	<b>38826</b>	Project Name: <b>GEE White</b>				
BA Sample ID	<b>CD01786</b>	Project Number: <b>CIO</b>				
		Sample ID: <b>W005B L DF O/S 322 2nd Draw</b>				
Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	4	ug/L	1	15	EPA 200.8 rev5.4	17:09

### Sample 011

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BA Project #	<b>38826</b>	Project Name: <b>GEE White</b>				
BA Sample ID	<b>CD01787</b>	Project Number: <b>CIO</b>				
		Sample ID: <b>W006A O/S 315 1st Draw</b>				
Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	3	ug/L	1	15	EPA 200.8 rev5.4	17:14

**Sample 012**

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BA Project #	<b>38826</b>	Project Name:	<b>GEE White</b>				
BA Sample ID	<b>CD01788</b>	Project Number:	<b>CIO</b>				
		Sample ID:	<b>W006B O/S 315 2nd Draw</b>				

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<b>Analyte Name</b>	<b>Result</b>	<b>Units</b>	<b>RL</b>	<b>MCL</b>	<b>Method Reference</b>	<b>Analysis Time</b>
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	1	ug/L	1	15	EPA 200.8 rev5.4	17:18

**Sample 013**

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BA Project #	<b>38826</b>	Project Name:	<b>GEE White</b>				
BA Sample ID	<b>CD01789</b>	Project Number:	<b>CIO</b>				
		Sample ID:	<b>W007A Main Office 1st Draw</b>				

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<b>Analyte Name</b>	<b>Result</b>	<b>Units</b>	<b>RL</b>	<b>MCL</b>	<b>Method Reference</b>	<b>Analysis Time</b>
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	18:04

**Sample 014**

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BA Project #	<b>38826</b>	Project Name:	<b>GEE White</b>				
BA Sample ID	<b>CD01790</b>	Project Number:	<b>CIO</b>				
		Sample ID:	<b>W007B Main Office 2nd Draw</b>				

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<b>Analyte Name</b>	<b>Result</b>	<b>Units</b>	<b>RL</b>	<b>MCL</b>	<b>Method Reference</b>	<b>Analysis Time</b>
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	18:08

**Sample 015**

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BA Project #	<b>38826</b>	Project Name:	<b>GEE White</b>				
BA Sample ID	<b>CD01791</b>	Project Number:	<b>CIO</b>				
		Sample ID:	<b>W008A Kitchen 1st Draw</b>				

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<b>Analyte Name</b>	<b>Result</b>	<b>Units</b>	<b>RL</b>	<b>MCL</b>	<b>Method Reference</b>	<b>Analysis Time</b>
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	18:13

### Sample 016

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BA Project #	<b>38826</b>	Project Name: <b>GEE White</b>				
BA Sample ID	<b>CD01792</b>	Project Number: <b>CIO</b>				
		Sample ID: <b>W008B Kitchen 2nd Draw</b>				
Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	18:17

### Sample 017

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BA Project #	<b>38826</b>	Project Name: <b>GEE White</b>				
BA Sample ID	<b>CD01793</b>	Project Number: <b>CIO</b>				
		Sample ID: <b>W009A DF O/S Gym 1st Draw</b>				
Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	3	ug/L	1	15	EPA 200.8 rev5.4	18:22

### Sample 018

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BA Project #	<b>38826</b>	Project Name: <b>GEE White</b>				
BA Sample ID	<b>CD01794</b>	Project Number: <b>CIO</b>				
		Sample ID: <b>W009B DF O/S Gym 2nd Draw</b>				
Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	1	ug/L	1	15	EPA 200.8 rev5.4	18:26

### Sample 019

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BA Project #	<b>38826</b>	Project Name: <b>GEE White</b>				
BA Sample ID	<b>CD01795</b>	Project Number: <b>CIO</b>				
		Sample ID: <b>W010C DF Main @ Art Rm 3rd Draw</b>				
Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	18:31

## CONCLUSIONS FOR WHITE ACADEMY

Based upon the drinking water analytical results, it was verified that **elevated lead concentrations** depicted levels above the EPA Drinking Water Standard **Sample 007- W004A 1<sup>st</sup> Draw collected from the Drinking Fountain outside Room 338** and **Sample 008 –W004B 2<sup>nd</sup> Draw collected from the Drinking Fountain outside Room 338**.

Therefore, the water associated with the drinking fountain water system should be isolated and shut down until proper repairs of the water line or the fountain valve is changed and retested. A second sample shall prior to re-use. TEK has determined that the levels may be associated to possible lead solder from the water pipe supply to the fountain and the valve on the fountain such as solder connection to the unit. Once changes, TEK recommends that the water source be flushed for 30 minutes and let stand for a minimum of 8 hours for a second determination sample collection.

Other options would be to install a filtration treatment system to be installed in line to the drinking fountain if feasible, prior to dispensing water for consumption for the area where the header pipe above the source valve cannot be changed or modified.

## EDMONSON ACADEMY DRINKING WATER SAMPLING

Twenty-Five (25) water samples were submitted to Brighton Analytical, LLC for the identification of Total Lead in Drinking Water, EPA Method 200.8 rev5.4. The Maximum Contaminant Levels (MCL) is 15 ppm, per the EPA Guidelines. Please refer to the below for sample locations and results. A copy of the Chain of Custody form and laboratory analysis report is attached for your records.

### ABBREVIATIONS:

**Sample ID: DF= Drinking Fountain**  
**MCL= EPA Maximum Concentration Limit**  
**RL= Reporting Limit**

### Sample 001

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BA Project #	<b>38825</b>	Project Name: <b>GEE Edmonson</b>				
BA Sample ID	<b>CD01752</b>	Project Number: <b>CI</b>				
		Sample ID: <b>EO1A DF O/S Gym 1st Draw</b>				
Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rcv5.4	14:04

### Sample 002

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BA Project #	<b>38825</b>	Project Name:	<b>GEE Edmonson</b>				
BA Sample ID	<b>CD01753</b>	Project Number:	<b>CI</b>				
		Sample ID:	<b>EO1B DF O/S Gym 2nd Draw</b>				

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Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	14:09

### Sample 003

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BA Project #	<b>38825</b>	Project Name:	<b>GEE Edmonson</b>				
BA Sample ID	<b>CD01754</b>	Project Number:	<b>CI</b>				
		Sample ID:	<b>EO2A DF O/S 101 1st Draw</b>				

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Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	1	ug/L	1	15	EPA 200.8 rev5.4	14:13

### Sample 004

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BA Project #	<b>38825</b>	Project Name:	<b>GEE Edmonson</b>				
BA Sample ID	<b>CD01755</b>	Project Number:	<b>CI</b>				
		Sample ID:	<b>EO2B DF O/S 101 2nd Draw</b>				

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Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	14:18

### Sample 005

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BA Project #	<b>38825</b>	Project Name:	<b>GEE Edmonson</b>				
BA Sample ID	<b>CD01756</b>	Project Number:	<b>CI</b>				
		Sample ID:	<b>EO3A DF O/S 201 1st Draw</b>				

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Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	3	ug/L	1	15	EPA 200.8 rev5.4	14:22

### Sample 006

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BA Project #	<b>38825</b>	Project Name: <b>GEE Edmonson</b>				
BA Sample ID	<b>CD01757</b>	Project Number: <b>CI</b>				
		Sample ID: <b>EO3B DF O/S 201 2nd Draw</b>				
Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	14:27

### Sample 007

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BA Project #	<b>38825</b>	Project Name: <b>GEE Edmonson</b>				
BA Sample ID	<b>CD01758</b>	Project Number: <b>CI</b>				
		Sample ID: <b>EO4A DF Office 1st Draw</b>				
Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	20	ug/L	1	15	EPA 200.8 rev5.4	14:32

***\*\*\*Please note that the 1<sup>st</sup> Draw of Sample 007 is over the EPA MCL of 15 ug/L for lead***

### Sample 008

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BA Project #	<b>38825</b>	Project Name: <b>GEE Edmonson</b>				
BA Sample ID	<b>CD01759</b>	Project Number: <b>CI</b>				
		Sample ID: <b>EO4B DF Office 2nd Draw</b>				
Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	15:03

### Sample 009

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BA Project #	<b>38825</b>	Project Name: <b>GEE Edmonson</b>				
BA Sample ID	<b>CD01760</b>	Project Number: <b>CI</b>				
		Sample ID: <b>EO5A Rm 107 Center Sink 1st Draw</b>				
Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	5	ug/L	1	15	EPA 200.8 rev5.4	15:08

### Sample 010

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BA Project #	<b>38825</b>	Project Name: <b>GEE Edmonson</b>				
BA Sample ID	<b>CD01761</b>	Project Number: <b>CI</b>				
		Sample ID: <b>EO5B Rm 107 Center Sink 2nd Draw</b>				
Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	15:12

### Sample 011

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BA Project #	<b>38825</b>	Project Name: <b>GEE Edmonson</b>				
BA Sample ID	<b>CD01762</b>	Project Number: <b>CI</b>				
		Sample ID: <b>EO6A DF Rm 111 1st Draw</b>				
Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	29	ug/L	1	15	EPA 200.8 rev5.4	15:17

***\*\*\*Please note that the 1<sup>st</sup> Draw of Sample 011 is over the EPA MCL of 15 ug/L for lead***

### Sample 012

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BA Project #	<b>38825</b>	Project Name: <b>GEE Edmonson</b>				
BA Sample ID	<b>CD01763</b>	Project Number: <b>CI</b>				
		Sample ID: <b>EO6B DF Rm 111 2nd Draw</b>				
Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	1	ug/L	1	15	EPA 200.8 rev5.4	15:21

### Sample 013

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BA Project #	<b>38825</b>	Project Name:	<b>GEE Edmonson</b>				
BA Sample ID	<b>CD01764</b>	Project Number:	<b>CI</b>				
		Sample ID:	<b>EO7A DF Rm 115 1st Draw</b>				

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Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	15:26

### Sample 014

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BA Project #	<b>38825</b>	Project Name:	<b>GEE Edmonson</b>				
BA Sample ID	<b>CD01765</b>	Project Number:	<b>CI</b>				
		Sample ID:	<b>EO7B DF Rm 115 2nd Draw</b>				

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Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	15:31

### Sample 015

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BA Project #	<b>38825</b>	Project Name:	<b>GEE Edmonson</b>				
BA Sample ID	<b>CD01766</b>	Project Number:	<b>CI</b>				
		Sample ID:	<b>EO8A DF Rm 117 1st Draw</b>				

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Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	4	ug/L	1	15	EPA 200.8 rev5.4	15:49

### Sample 016

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BA Project #	<b>38825</b>	Project Name:	<b>GEE Edmonson</b>				
BA Sample ID	<b>CD01767</b>	Project Number:	<b>CI</b>				
		Sample ID:	<b>EO8B DF Rm 117 2nd Draw</b>				

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

**Sample 017**

BA Project # **38825** Project Name: **GEE Edmonson**  
 BA Sample ID **CD01768** Project Number: **CI**  
 Sample ID: **EO9A DF Rm 119W 1st Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	1	ug/L	1	15	EPA 200.8 rev5.4	15:58

**Sample 018**

BA Project # **38825** Project Name: **GEE Edmonson**  
 BA Sample ID **CD01769** Project Number: **CI**  
 Sample ID: **EO9B DF Rm 119W 2nd Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	15:11

**Sample 019**

BA Project # **38825** Project Name: **GEE Edmonson**  
 BA Sample ID **CD01770** Project Number: **CI**  
 Sample ID: **EO10A N.WingHall O/S Gym 1st Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time A
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	15:16

**Sample 020**

BA Project # **38825** Project Name: **GEE Edmonson**  
 BA Sample ID **CD01771** Project Number: **CI**  
 Sample ID: **EO10B N.WingHall O/S Gym 2nd Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time A
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	15:20

**Sample 021**

BA Project # **38825** Project Name: **GEE Edmonson**  
 BA Sample ID **CD01772** Project Number: **CI**  
 Sample ID: **EO11A N. Wing O/S Girls 1st Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	15:25

### Sample 022

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BA Project #	<b>38825</b>	Project Name: <b>GEE Edmonson</b>				
BA Sample ID	<b>CD01773</b>	Project Number: <b>CI</b>				
		Sample ID: <b>EO11B N. Wing O/S Girls 2nd Draw</b>				
Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	15:29

### Sample 023

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BA Project #	<b>38825</b>	Project Name: <b>GEE Edmonson</b>				
BA Sample ID	<b>CD01774</b>	Project Number: <b>CI</b>				
		Sample ID: <b>EO12A Kitchen SE Sink 1st Draw</b>				
Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	4	ug/L	1	15	EPA 200.8 rev5.4	15:34

### Sample 024

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BA Project #	<b>38825</b>	Project Name: <b>GEE Edmonson</b>				
BA Sample ID	<b>CD01775</b>	Project Number: <b>CI</b>				
		Sample ID: <b>EO12A Kitchen SE Sink 2nd Draw</b>				
Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	15:39

### Sample 025

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BA Project #	<b>38825</b>	Project Name: <b>GEE Edmonson</b>				
BA Sample ID	<b>CD01776</b>	Project Number: <b>CI</b>				
		Sample ID: <b>EO13C City Main 3rd Draw</b>				
Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time
<b>Drinking Water Metal Analysis</b>						
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	15:43

## CONCLUSIONS FOR EDMONSON ACADEMY

Based upon the drinking water analytical results, it was verified that **elevated lead concentrations** depicted levels above the EPA Drinking Water Standard **in Sample 007-E04A – 1<sup>st</sup> Draw collected from the Drinking Fountain of the Office. in Sample 011-E06A – 1<sup>st</sup> Draw collected from the Drinking Fountain in room 111.**

Therefore, the water associated with the drinking system should be shut off at this time until the faucet bubbler head can be changed and retested by TEK Environmental for verification that no lead exists in the drinking fountain source. TEK has verified that the 2<sup>nd</sup> draw did not indicate lead in the header pipe prior to the fountain bubbler. TEK has determined that the levels may be associated to possible lead solder or a solder connection on the head or the actual metal alloys of the fountain head. Therefore, further sampling will determine if use of the unit can be conducted by the students or shut down. TEK recommends that the line be flushed for 30 minutes after changing the head and let stand for a minimum of 8 hours prior to sampling.

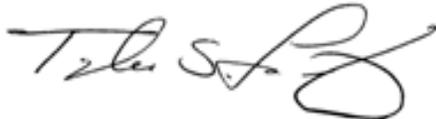
## OVERALL CONCLUSIONS

Based upon the drinking water analytical results, it was verified that elevated lead concentrations depicted levels above the EPA drinking water standard within both White Academy and Edmonson Academy. Additional flushing is required at this time after changing the valve system. An additional test shall be performed after the Building Maintenance Engineer verifies that the drinking water valve is changed or replaced where the sample was collected for the second sample collection date. These sources have indicated a possible localized issue either in the head or the solder close to the source valve as the remaining building sources tested below 15 ppb and therefore water levels are safe for consumption at this time at all other locations.

TEK Environmental & Consulting Services, Inc. would like to thank you for the opportunity to serve your environmental needs. If you have any questions regarding this information or additional concerns, please contact me at 734.878.5588.

Respectfully,

TEK Environmental & Consulting Services, Inc.



Mr. Tyler S. Lenling  
Senior Level Industrial Hygienist/Senior Project Manager

Attachments: Drinking Water Analytical Data with Chain of Custody Record

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