

May 24, 2016

American Promise Group  
4366 Military Street  
Detroit, MI 48210

**RE: Voyageur-Portable  
4321 Military  
Detroit, MI 480210  
Date: April 27, 2016  
AEC Project Number: 1515-16004**

Dear Mr. Kochis,

American Environmental Consultants (AEC), LLC conducted lead in water sampling at Voyageur-Portable, located at 4321 Military in Detroit, Michigan. The sampling was conducted in response to a memorandum put forth by the Detroit Health Department. The sampling was conducted on April 27, 2016, by AEC representative, Jef Fox.

### **Observations**

AEC observed the areas to be sampled and no obvious lead components were observed in the portions of the water system viewed. AEC attempted to collect samples from randomly targeted locations including but not limited to water main, kitchen faucets, drinking fountains, bathroom faucets, slop sinks and classroom faucets. All samples were collected as a first draw following a rest period of a minimum of 6 hours.

### **Methodology**

The samples were collected utilizing the protocols described in the EPA lead and copper testing guidelines and the 3 T's for Reducing Lead in Drinking Water in Schools: Revised Technical Guidance. The samples were submitted to National Testing Laboratories, Ltd., located at 556 South Mansfield, in Ypsilanti, MI 48197-5166. The phone number to National Testing Laboratories is (440) 449-2525. The samples were analyzed by the EPA Method 200.8. A standard turnaround time was indicated on the chain of custody. A 250 milliliter sample was collected at each point.

## Results

The following table summarizes the results from the sampling. The certificates of analysis and chain of custody are attached for further reference.

Number	ID Code	Description	Result	EPA Action Level
1	187195	DW Fountain-Main Hall	ND	0.015 mg/L
2	187194	Men's RR Sink	ND	0.015 mg/L
3	187193	J.C. Slop Sink Main	ND	0.015 mg/L
4	187192	Women's RR Sink	ND	0.015 mg/L
5	187191	Drink Fountain	0.019 mg/L	0.015 mg/L

Sample 5-187191 from the drinking fountain was found to be above the EPA Action Level. A mitigation plan must be developed and implemented to identify and address the elevated lead counts. The water flow locations where the elevated lead was identified should be immediately shut down and bottled water should be provided for students and staff. Signage should be placed at all faucets and fountains to indicate that the water from taps must not be consumed or used for cooking. A thorough sampling and investigation needs to be conducted to address the presence of lead in water. This may include sampling of all flows in the building.

## Conclusion

The drinking fountain was found to be elevated when compared to the EPA Action Level. Additional testing and mitigation must be conducted.

## Limitations

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AEC appreciates the opportunity to be of service to your organization and looks forward to working with you on future projects. If you have any questions regarding this report please feel free to contact us at our office at 313-491-2600.

Sincerely,

**American Environmental Consultants, LLC**



Jef Fox  
Project Manager

**National Testing Laboratories, Ltd**

556 South Mansfield, Ypsilanti, MI, 48197-5166  
 (440) 449-2525, Fax: (440) 449-8585

**ANALYTICAL REPORTS**

**SAMPLE CODE: 354011**

**5/4/2016**

**Customer:** American Environmental Consultants  
 Jeff Fox  
 12838 Gavel Street  
 Detroit, MI 48227

**Source:** 187195  
**Source City:** Detroit  
**Source State:** MI

**Date/Time Received:** 4/28/2016 16:35

**Collected by:** J. Fox

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

**Legend:**

Any 'Level Detected' marked with an asterisk (\*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

**"ND"** This contaminant was not detected at or above our lower reporting limit (LRL)

**"NA"** Not Analyzed

**"Standard"** This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA Secondary Standards.

**"LRL"** This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

**"DF"** This column indicates the contaminant dilution factor.

**Report Notes:**

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
<b>Inorganic Analytes - Metals</b>										
1030	Lead	200.8	0.015	mg/L	0.001	ND	1	4/27/2016 07:10		5/2/2016

These test results may be used for compliance purpose as required.

Analyst	Tests
EC	200.8



James Abston, Operations Manager

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**National Testing Laboratories, Ltd**

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**ANALYTICAL REPORTS**

**SAMPLE CODE: 354012**

**5/4/2016**

**Customer:** American Environmental Consultants  
 Jeff Fox  
 12838 Gavel Street  
 Detroit, MI 48227

**Source:** 187194  
**Source City:** Detroit  
**Source State:** MI

**Date/Time Received:** 4/28/2016 16:35

**Collected by:** J. Fox

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**Report Notes:**

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
<b>Inorganic Analytes - Metals</b>										
1030	Lead	200.8	0.015	mg/L	0.001	ND	1	4/27/2016 07:11		5/2/2016

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EC	200.8



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**ANALYTICAL REPORTS**

**SAMPLE CODE: 354013**

**5/4/2016**

**Customer:** American Environmental Consultants  
 Jeff Fox  
 12838 Gavel Street  
 Detroit, MI 48227

**Source:** 187193  
**Source City:** Detroit  
**Source State:** MI

**Date/Time Received:** 4/28/2016 16:35

**Collected by:** J. Fox

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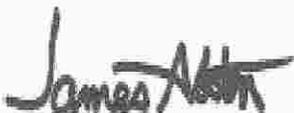
**"DF"** This column indicates the contaminant dilution factor.

**Report Notes:**

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
<b>Inorganic Analytes - Metals</b>										
1030	Lead	200.8	0.015	mg/L	0.001	ND	1	4/27/2016 07:14		5/2/2016

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**ANALYTICAL REPORTS**

**SAMPLE CODE: 354014**

**5/4/2016**

**Customer:** American Environmental Consultants  
 Jeff Fox  
 12838 Gavel Street  
 Detroit, MI 48227

**Source:** 187192  
**Source City:** Detroit  
**Source State:** MI

**Date/Time Received:** 4/28/2016 16:35

**Collected by:** J. Fox

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**Report Notes:**

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
<b>Inorganic Analytes - Metals</b>										
1030	Lead	200.8	0.015	mg/L	0.001	ND	1	4/27/2016 07:15		5/2/2016

These test results may be used for compliance purpose as required.

Analyst	Tests
EC	200.8



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**ANALYTICAL REPORTS**

**SAMPLE CODE: 354015**

**5/4/2016**

**Customer:** American Environmental Consultants  
 Jeff Fox  
 12838 Gavel Street  
 Detroit, MI 48227

**Source:** 187191  
**Source City:** Detroit  
**Source State:** MI

**Date/Time Received:** 4/28/2016 16:35

**Collected by:** J. Fox

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<b>Inorganic Analytes - Metals</b>										
1030	Lead	200.8	0.015	mg/L	0.001	0.019*	1	4/27/2016 07:17		5/2/2016

These test results may be used for compliance purpose as required.

Analyst	Tests
EC	200.8



James Abston, Operations Manager

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