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April 28, 2016

Mr. Ronald Wybraniec  
Operations Manager  
Office of Education  
New Jersey Department of Children and Families  
PO Box 710  
Trenton, NJ 08625

**Re: Lead in Drinking Water Screening  
Passaic Campus  
160 Minnisink Road  
Totowa, New Jersey 07512  
Brinkerhoff Project No. 14BR141C**

Dear Mr. Wybraniec:

Brinkerhoff Environmental Services, Inc. (Brinkerhoff) was retained to perform a lead in drinking water screening at the New Jersey Department of Children and Families (DCF) Regional School's Passaic Campus located at 160 Minnisink Road, Totowa, New Jersey 07512 (subject property). The screening was performed on April 16, 2016. The purpose of the screening was to determine if lead may be present in potable water sources at the subject building.

### **METHODOLOGY**

Samples of potable water were collected from representative locations. Locations were selected by Brinkerhoff based on location in the building relative to the water supply source, and were skewed toward sources where consumption is likely (i.e. kitchen, faculty room, water fountains). Samples were collected in 250 mL bottles. Two samples were collected at each location. The first sample is a first-draw sample collected from the tap after a minimum six (6) hour resting period. The second is a flush sample collected after running water for 30 seconds.

Samples were delivered under strict chain of custody to Precision Analytical Services, Inc. (Precision) at 2161 Whitesville Road, Toms River, New Jersey 08755 for analysis by the United States Department of Environmental Protection (DEP) Method 3113B (Standard Methods for the Examination of Water and Wastewater, 22<sup>nd</sup> Edition). Precision is a New Jersey Department of Environmental Protection (NJDEP) Certified Drinking Water Laboratory. Precision maintains NJDEP certification #15001.

**RESULTS**

<b>TABLE 1 SUMMARY OF LABORATORY ANALYSIS RESULTS</b>			
<b>Sample ID</b>	<b>Sample ID Location</b>	<b>Results (µg/L)</b>	<b>MCL (15 µg/L)</b>
PA-01A	Kitchen Sink FD	None Detected	15
PA-01B	Kitchen Sink FL	None Detected	15
PA-02A	Faculty Room Sink FD	0.676	15
PA-02B	Faculty Room Sink FL	None Detected	15
PA-03A	Room 114 Sink FD	0.722	15
PA-03B	Room 114 Sink FL	0.907	15
PA-04A	Room 113 Sink FD	0.907	15
PA-04B	Room 113 Sink FL	1.18	15
PA-05A	Room 117 Sink FD	1.37	15
PA-05B	Room 117 Sink FL	None Detected	15
<b>PA-06A</b>	<b>Room 121 Sink FD</b>	<b>125</b>	<b>15</b>
<b>PA-06B</b>	<b>Room 121 Sink FL</b>	<b>61.2</b>	<b>15</b>
PA-07A	Room 122 Sink FD	0.676	15
PA-07B	Room 122 Sink FL	0.584	15
PA-08	Field Blank	None Detected	15

**MCL** – Maximum Contaminant Level

**FD** – First Draw; **FL** – Flush

- Lead was detected in concentrations above the MCL in 2 of the 14 samples.
- Lead was detected in concentrations below the MCL in 8 of the 14 samples.
- Lead was not detected in 4 of the 14 samples and the field blank.

Certificates of laboratory analysis are presented in Appendix I. A sample location drawing is presented in Appendix II.

**LIMITATIONS**

The locations of samples collected are determined using our best professional judgement. The findings in this report are reflective of the conditions at the time of the Brinkerhoff inspections. The findings and recommendations are valid as of the date of the report. The conclusions and recommendations are limited based on the site conditions at the time of our inspection and the enclosed analytical results.

Brinkerhoff appreciates the opportunity to provide you this service. Should you have questions or require additional information, please do not hesitate to contact the undersigned at 732-223-2225.

New Jersey Department of Children & Families  
Re: Lead in Drinking Water Screening  
Brinkerhoff Project No. 14BR141C  
April 28, 2016  
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This report was prepared and is respectfully submitted by

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**



April 28, 2016

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Chris Glowacki, CIEC  
Industrial Hygienist

Date



April 28, 2016

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Gary W. Fleming  
Senior Manager, Hazardous Materials Division

Date