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June 23, 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  
Cumberland Campus  
928 West Sherman Avenue  
Vineland, New Jersey 08360  
Brinkerhoff Project No. 14BR141K**

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 Cumberland Campus located at 928 West Sherman Avenue, Vineland, New Jersey 08360. The screening was performed on June 11, 2016. The purpose of the screening was to determine if lead may be present in potable water sources at the subject building and, if applicable, to retest at locations where elevated lead levels were identified during Brinkerhoff's initial lead in drinking water screening conducted on April 9, 2016.

#### **METHODOLOGY**

Samples of potable water were collected from representative locations. During our initial screening, sample 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). During Brinkerhoff's June 11, 2016 screening samples were obtained from all accessible faucets not tested during our initial screening and from locations where elevated lead levels were identified during our initial screening. 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 IATL International, Inc., 9000 Commerce Parkway Suite B, Mt. Laurel, New Jersey 08054 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. IATL maintains NJDEP certification #03863.

**JUNE 11, 2016 RESULTS**

<b>TABLE 1 SUMMARY OF LABORATORY ANALYSIS RESULTS – NEW LOCATIONS</b>			
<b>Sample ID</b>	<b>Sample ID Location</b>	<b>Results (ppb)</b>	<b>MCL (15 ppb)</b>
CU-08A	Lobby Bathroom FD	<2.0	15
CU-08B	Lobby Bathroom FL	<2.0	15
CU-09A	Staff Room Bathroom FD	<2.0	15
CU-09B	Staff Room Bathroom FL	<2.0	15
CU-10A	Room 107 Boy's Room FD	10	15
CU-10B	Room 107 Boy's Room FL	<2.0	15
CU-11A	Room 107 Girl's Room FD	4.1	15
CU-11B	Room 107 Girl's Room FL	<2.0	15
CU-12A	Room 108 Kitchen Sink FD	<2.0	15
CU-12B	Room 108 Kitchen Sink FL	<2.0	15
CU-13A	Room 108 Bathroom FD	<b>89</b>	15
CU-13B	Room 108 Bathroom FL	Not Analyzed	15
CU-14A	Room 115 Boy's Room FD	<b>53</b>	15
CU-14B	Room 115 Boy's Room FL	3.9	15
CU-15A	Room 115 Girl's Room FD	<b>37</b>	15
CU-15B	Room 115 Girl's Room FL	<2.0	15
CU-16A	Room 112 Boy's Room FD	<b>110</b>	15
CU-16B	Room 112 Boy's Room FL	3.5	15
CU-17A	Room 112 Boy's Room FD	<2.0	15
CU-17B	Room 112 Boy's Room FL	<2.0	15
CU-18A	Room 111 Boy's Room FD	13	15
CU-18B	Room 111 Boy's Room FL	<2.0	15
CU-19A	Room 111 Girl's Room FD	<b>44</b>	15
CU-19B	Room 111 Girl's Room FL	<2.0	15
CU-20	Field Blank	<2.0	15

MCL – Maximum Contaminant Level; ND – None Detected  
 FD – First Draw; FL – Flush  
**Bold Result** – Indicates lead concentration above the MCL

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

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**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.

This report was prepared and is respectfully submitted by

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**



June 23, 2016

Gary W. Fleming  
Senior Manager, Hazardous Materials Division

Date