

**BRINKERHOFF**   
ENVIRONMENTAL SERVICES, INC.  
1805 Atlantic Avenue  
Manasquan, New Jersey 08736  
Tel: (732) 223-2225  
Fax: (732) 223-3666  
www.brinkenv.com

May 26, 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**  
Ocean Campus  
1141 Old Freehold Road  
Toms River, New Jersey 08753  
Brinkerhoff Project No. 14BR141E

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 Ocean Campus located at 1141 Old Freehold Road, Toms River, New Jersey 08753 (subject property). The screening was performed on May 14, 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 7, 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 May 14, 2016 screening samples were obtained from all accessible faucets not tested during our initial screening and, if applicable, 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). IATL is a New Jersey Department of Environmental Protection (NJDEP) Certified Drinking Water Laboratory. IATL maintains NJDEP certification #03863.

**April 7, 2016: INITIAL SCREENING RESULTS:**

No lead above the Maximum Contaminant Level was identified during the initial screening.

**May 14, 2016 SCREENING RESULTS:**

TABLE 1 SUMMARY OF LABORATORY ANALYSIS RESULTS – May 14, 2016			
Sample ID	Sample ID Location	Results (µg/L)	MCL (15 µg/L)
OC-08A	Kitchen Sink	<2.0	15
OC-08B	Kitchen Sink	<2.0	15
OC-09A	Faculty Bathroom Sink	<2.0	15
OC-09B	Faculty Bathroom Sink	<2.0	15
OC-10A	Room 102 Sink	<2.0	15
OC-10B	Room 102 Sink	<2.0	15
OC-11A	Room 107 Boys Room	<2.0	15
OC-11B	Room 107 Boys Room	<2.0	15
OC-12A	Room 107 Girls Room	3.2	15
OC-12B	Room 107 Girls Room	<2.0	15
OC-13A	Room 108 Sink	5.4	15
OC-13B	Room 108 Sink	<2.0	15
OC-14A	Room 108 Girls Room	<b>180</b>	15
OC-14B	Room 108 Girls Room	<b>390</b>	15
OC-15A	Room 108 Boys Room	<b>19</b>	15
OC-15B	Room 108 Boys Room	<2.0	15
OC-16A	Room 115 Sink	2.0	15
OC-16B	Room 115 Sink	<2.0	15
OC-17A	Room 115 Boys Room	8.9	15
OC-17B	Room 115 Boys Room	<2.0	15
OC-18A	Room 112 Boys Room	<b>130</b>	15
OC-18B	Room 112 Boys Room	<b>310</b>	15
OC-19A	Room 112 Girls Room	3.9	15
OC-19B	Room 112 Girls Room	<2.0	15
OC-20A	Room 111 Left	3.7	15
OC-20B	Room 111 Left	<2.0	15
OC-21A	Room 111 Right	10	15
OC-21B	Room 111 Right	<2.0	15
OC-22	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.

New Jersey Department of Children & Families  
Re: Lead in Drinking Water Screening  
Brinkerhoff Project No. 14BR141E  
May 26, 2016  
Page 3 of 3

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.

This report was prepared and is respectfully submitted by

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**



May 26, 2016

Gary W. Fleming  
Senior Manager, Hazardous Materials Division

Date