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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
Warren Campus
540 Route 57 East
Port Murray, New Jersey 07865
Brinkerhoff Project No. 14BR141U**

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 Warren Campus located at 540 Route 57 East, Port Murray, New Jersey 07865. 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 16, 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

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Examination of Water and Wastewater, 22nd Edition). Precision is a New Jersey Department of Environmental Protection (NJDEP) Certified Drinking Water Laboratory. IATL maintains NJDEP certification #03863.

RETEST RESULT COMPARISON

TABLE 1 COMPARISON OF 4/16/16 RESULTS ABOVE MCL WITH 6/11/16 RETEST RESULTS					
Sample ID	Sample ID Location	4/16/16 Results (ppb)	Sample ID	6/11/16 Retest Results ppb	MCL (15 ppb)
WC-07A	Room 115 Sink FD	39.2	WC-15A	13	15
WC-07B	Room 115 Sink FL	6.65	WC-15B	<2.0	15

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

JUNE 11, 2016 RESULTS

TABLE 2 SUMMARY OF LABORATORY ANALYSIS RESULTS – NEW LOCATIONS			
Sample ID	Sample ID Location	Results (ppb)	MCL (15 ppb)
WC-10A	Kitchen Dishwasher Sink FD	8.1	15
WC-10B	Kitchen Dishwasher Sink FL	4.9	15
WC-11A	Lobby Bathroom Sink FD	2.8	15
WC-11B	Lobby Bathroom Sink FL	<2.0	15
WC-12A	Principal's Bathroom FD	9.6	15
WC-12B	Principal's Bathroom FL	<2.0	15
WC-13A	Room 107 Bathroom 1 FD	4.0	15
WC-13B	Room 107 Bathroom 1 FL	<2.0	15
WC-14A	Room 108 Bathroom 1 FD	19	15
WC-14B	Room 108 Bathroom 1 FL	2.0	15
WC-15A	Room 115 Sink FD	13	15
WC-15B	Room 115 Sink FL	<2.0	15

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

TABLE 2 (CONTINUED)			
SUMMARY OF LABORATORY ANALYSIS RESULTS – NEW LOCATIONS			
Sample ID	Sample ID Location	Results (ppb)	MCL (15 ppb)
WC-16A	Room 115 Bathroom 1 FD	9.6	15
WC-16B	Room 115 Bathroom 1 FL	<2.0	15
WC-17A	Room 115 Bathroom 2 FD	78	15
WC-17B	Room 115 Bathroom 2 FL	6.2	15
WC-18A	Room 112 Bathroom 1 FD	17	15
WC-18B	Room 112 Bathroom 1 FL	<2.0	15
WC-19A	Room 112 Bathroom 2 FD	30	15
WC-19B	Room 112 Bathroom 2 FL	2.9	15
WC-20A	Room 111 Bathroom 1 Sink FD	8.9	15
WC-20B	Room 111 Bathroom 1 Sink FL	<2.0	15
WC-21A	Room 111 Sink FD	4.6	15
WC-21B	Room 111 Sink FL	<2.0	15
WC-22A	Outdoor Bathroom Sink FD	20	15
WC-22B	Outdoor Bathroom Sink FL	2.9	15
WC-23	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.

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.

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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

Date

Senior Manager, Hazardous Materials Division