



ENVIRONMENTAL SERVICES, INC.

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

June 6, 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
Bergen Campus
374 East Ridgewood Avenue
Paramus, New Jersey 07652
Brinkerhoff Project No. 14BR141F

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 Bergen Campus located at 374 East Ridgewood Avenue, Paramus, New Jersey 07652 (subject property). The screening was performed on May 21, 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 May 21, 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, 22nd Edition). IATL is a New Jersey Department of Environmental Protection (NJDEP) Certified Drinking Water Laboratory. IATL maintains NJDEP certification #03863.

April 16, 2016: INITIAL SCREENING RESULTS:

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

May 21, 2016 SCREENING RESULTS:

TABLE 1			
SUMMARY OF LABORATORY ANALYSIS RESULTS – May 21, 2016			
Sample ID	Sample ID Location	Results (ppb)	MCL (15 ppb)
BE-09A	Principal's Office Sink FD	6.5	15
BE-09B	Principal's Office Sink FL	<2.0	15
BE-10A	Lobby Bathroom Sink FD	6.4	15
BE-10B	Lobby Bathroom Sink FL	<2.0	15
BE-11A	Kitchen Sink Near Back Door FD	5.0	15
BE-11B	Kitchen Sink Near Back Door FL	<2.0	15
BE-12A	Janitor's Closet Sink FD	19	15
BE-12B	Janitor's Closet Sink FL	3.1	15
BE-13A	Staff Bathroom Sink #1 FD	14	15
BE-13B	Staff Bathroom Sink #1 FL	5.3	15
BE-14A	Staff Bathroom Sink #2 FD	8.9	15
BE-14B	Staff Bathroom Sink #2 FL	3.5	15
BE-15A	Room 108 – Center Sink FD	11	15
BE-15B	Room 108 – Center Sink FL	<2.0	15
BE-16A	Room 108 – 2nd Bathroom Sink FD	50	15
BE-16B	Room 108 – 2 nd Bathroom Sink FL	11	15
BE-17A	Room 109 – Center Sink FD	19	15
BE-17B	Room 109 – Center Sink FL	7.0	15
BE-18A	Room 109 – 2nd Bathroom Sink FD	45	15
BE-18B	Room 109 – 2 nd Bathroom Sink FL	6.0	15
BE-19A	Room 115 – 1st Bathroom Sink FD	30	15
BE-19B	Room 115 – 1 st Bathroom Sink FL	4.8	15
BE-20A	Room 115 – 2nd Bathroom Sink FD	36	15
BE-20B	Room 115 – 2 nd Bathroom Sink FL	8.9	15
BE-21A	Room 114 – 1 st Bathroom Sink FD	9.3	15
BE-21B	Room 114 – 1 st Bathroom Sink FL	3.0	15
BE-22A	Boy's Bathroom Sink #1 FD	3.3	15
BE-22B	Boy's Bathroom Sink #1 FL	2.2	15
BE-23A	Boy's Bathroom Sink #2 FD	7.2	15
BE-23B	Boy's Bathroom Sink #2 FL	2.7	15
BE-24A	Boy's Bathroom Sink #3 FD	9.6	15
BE-24B	Boy's Bathroom Sink #3 FL	2.6	15

TABLE 1 (Continued)			
SUMMARY OF LABORATORY ANALYSIS RESULTS – May 21, 2016			
BE-25A	Boy's Bathroom Sink #4 FD	320	15
BE-25B	Boy's Bathroom Sink #4 FL	4.2	15
BE-26A	Girl's Bathroom Sink #1 FD	8.5	15
BE-26B	Girl's Bathroom Sink #1 FL	2.2	15
BE-27A	Girl's Bathroom Sink #2 FD	42	15
BE-27B	Girl's Bathroom Sink #2 FL	2.6	15
BE-28A	Girl's Bathroom Sink #3 FD	12	15
BE-28B	Girl's Bathroom Sink #3 FL	2.0	15
BE-29A	Girl's Bathroom Sink #4 FD	11	15
BE-29B	Girl's Bathroom Sink #4 FL	2.1	15
BE-30A	Room 119 – Sink FD	12	15
BE-30B	Room 119 – Sink FL	<2.0	15
BE-31A	Room 121 – Sink FD	5.6	15
BE-31B	Room 121 – Sink FL	<2.0	15
BE-32A	Room 122 – Sink FD	13	15
BE-32B	Room 122 – Sink FL	2.4	15
BE-33	Field Bank	< 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

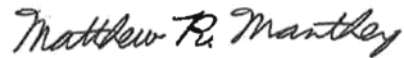
The locations of samples collected are determined using our best professional judgement. The findings in this report are reflective of the conditions at the time of the Brinkerhoff inspections. The findings and recommendations are valid as of the date of the report. The conclusions and recommendations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

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.

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Brinkerhoff Project No. 14BR141F
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Page 4 of 4

This report was prepared and is respectfully submitted by:

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.



June 6, 2016

Matthew R. Manthey
Environmental Scientist

Date



June 6, 2016

Gary W. Fleming
Senior Manager, Hazardous Materials Division

Date