



ENVIRONMENTAL SERVICES, INC.

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

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
Bergen Campus
374 East Ridgewood Avenue
Paramus, New Jersey 07652
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 Bergen Campus located at 374 East Ridgewood Avenue, Paramus, New Jersey 07652 (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, 22nd Edition). Precision is a New Jersey Department of

Environmental Protection (NJDEP) Certified Drinking Water Laboratory. Precision maintains NJDEP certification #15001.

RESULTS

TABLE 1			
SUMMARY OF LABORATORY ANALYSIS RESULTS			
Sample ID	Sample ID Location	Results (µg/L)	MCL (15 µg/L)
BE-01A	Kitchen Sink FD	1.56	15
BE-01B	Kitchen Sink FL	None Detected	15
BE-02A	Faculty Room Sink FD	7.57	15
BE-02B	Faculty Room Sink FL	4.19	15
BE-03A	Room 115 Sink FD	1.90	15
BE-03B	Room 115 Sink FL	None Detected	15
BE-04A	Room 114 Sink FD	3.45	15
BE-04B	Room 114 Sink FL	0.478	15
BE-05A	Nurse's Office Sink FD	2.17	15
BE-05B	Nurse's Office Sink FL	None Detected	15
BE-06A	Room 124 Sink FD	4.73	15
BE-06B	Room 124 Sink FL	1.36	15
BE-07A	Room 123 Sink FD	4.53	15
BE-07B	Room 123 Sink FL	None Detected	15
BE-08	Field Blank	None Detected	15

MCL – Maximum Contaminant Level

FD – First Draw; **FL** – Flush

- Lead was detected at concentrations below the MCL in 10 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-

New Jersey Department of Children & Families
Re: Lead in Drinking Water Screening
Brinkerhoff Project No. 14BR141C
April 28, 2016
Page 3 of 3

2225.

This report was prepared and is respectfully submitted by

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.



April 28, 2016

Chris Glowacki, CIEC
Industrial Hygienist

Date



April 28, 2016

Gary W. Fleming
Senior Manager, Hazardous Materials Division

Date