



ENVIRONMENTAL SERVICES, INC.
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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
Mercer Campus
1600 Stuyvesant Avenue
Trenton, New Jersey 08618
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 Mercer Campus located at 1600 Stuyvesant Avenue, Trenton, New Jersey 08618 (subject property). The screening was performed on April 9, 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)
MR-01A	Kitchen	1.31	15
MR-01B	Kitchen	None Detected	15
MR-02A	Bathroom – Main Office	1.02	15
MR-02B	Bathroom – Main Office	None Detected	15
MR-03A	Break Room – Across Room 111	1.49	15
MR-03B	Break Room – Across Room 111	None Detected	15
MR-04A	Bathroom – Room 120	3.85	15
MR-04B	Bathroom – Room 120	None Detected	15
MR-05A	Nurse – Across Room 120	2.70	15
MR-05B	Nurse – Across Room 120	None Detected	15
MR-06A	Room 106	1.83	15
MR-06B	Room 106	None Detected	15
MR-07A	Room 104	191	15
MR-07B	Room 104	3.74	15
MR-08A	Room 101	3.22	15
MR-08B	Room 101	None Detected	15
MR-09	Field Blank	None Detected	15

MCL – Maximum Contaminant Level

- Lead was detected at concentrations above the MCL in 1 of the 16 samples.
- Lead was detected at concentrations below the MCL in 8 of the 16 samples.
- Lead was not detected in 7 of the 16 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

Joseph Serio
Environmental Scientist

Date



April 28, 2016

Gary W. Fleming
Senior Manager, Hazardous Materials Division

Date