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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
Union Campus
1524 Terrill Road
Scotch Plains, New Jersey 07076
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 Union Campus located at 1524 Terrill Road, Scotch Plains, New Jersey 07076 (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)
UC-01A	Kitchen Sink FD	5.10	15
UC-01B	Kitchen Sink FL	2.37	15
UC-02A	Faculty Sink FD	1.15	15
UC-02B	Faculty Sink FL	None Detected	15
UC-03A	Principal's Office Sink FD	11.4	15
UC-03B	Principal's Office Sink FL	2.94	15
UC-04A	Room 103 Sink FD	1.79	15
UC-04B	Room 103 Sink FL	1.15	15
UC-05A	Room 104 Sink FD	1.22	15
UC-05B	Room 104 Sink FL	0.786	15
UC-06A	Room 105 Sink FD	3.80	15
UC-06B	Room 105 Sink FL	0.930	15
UC-07A	Room 107 Sink FD	240	15
UC-07B	Room 107 Sink FL	8.47	15
UC-08A	Room 109 Sink FD	3.16	15
UC-08B	Room 109 Sink FL	2.08	15
UC-09	Field Blank	None Detected	15

MCL – Maximum Contaminant Level

FD – First Draw; **FL** – Flush

- Lead was detected in concentrations above the MCL in 1 of the 16 samples.
- Lead was detected in concentrations below the MCL in 14 of the 16 samples.
- Lead was not detected in 1 of the 16 sample 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

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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.



April 28, 2016

Matthew R. Mantley
Environmental Scientist

Date



April 28, 2016

Gary W. Fleming
Senior Manager, Hazardous Materials Division

Date