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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
Cape May Campus
131 Crest Haven Road
Cape May Court House, New Jersey 08210

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 Cape May Campus located at 131 Crest Haven Road, Cape May Court House, New Jersey 08210 (subject property). The screening was performed on April 9, 2016. The purpose of the screening was to determine if lead may be present in selected 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 08755for 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.

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RESULTS

TABLE 1 SUMMARY OF LABORATORY ANALYSIS RESULTS			
Sample ID	Sample ID Location	Results (µg/L)	MCL (15 μg/L)
CM-01A	Faculty Room Sink FD	0.529	15
CM-01B	Faculty Room Sink FL	None Detected	15
CM-02A	Kitchen Sink FD	None Detected	15
CM-02B	Kitchen Sink FL	None Detected	15
CM-03A	Toddler Nursery Sink FD	None Detected	15
CM-03B	Toddler Nursery Sink FL	None Detected	15
CM-04A	Infant Nursery Sink FD	None Detected	15
CM-04B	Infant Nursery Sink FL	None Detected	15
CM-05A	Room 108 Sink FD	0.667	15
CM-05B	Room 108 Sink FL	None Detected	15
CM-06A	Room 111 Sink FD	1.15	15
CM-06B	Room 111 Sink FL	None Detected	15
CM-07A	Room 115 Sink FD	0.529	15
CM-07B	Room 115 Sink FL	None Detected	15
CM-08	Field Blank	None Detected	15

MCL - Maximum Contaminant Level

FD – First Draw; **FL** – Flush

- Lead was detected at concentrations below the MCL in 4 of the 14 samples.
- Lead was not detected in 10 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 732-223-2225.

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This report was prepared and is respectfully submitted by

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

Chris Glowacki, CIEC

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Date

April 28, 2016

Industrial Hygienist

Gary W. Fleming

April 28, 2016

Date

Senior Manager, Hazardous Materials Division