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LEAD & COPPER IN DRINKING WATER TESTING REPORT

Conducted for:

Greater Bergen Community Action
392 Main Street
Hackensack, New Jersey 07601

Conducted at:

Westside Head Start
265 Totowa Avenue
Paterson, New Jersey 07504

Submitted by:

McCabe Environmental Services, L.L.C.
464 Valley Brook Avenue
Lyndhurst, New Jersey 07071

REPORT DATE: August 30, 2022

MES PROJECT NO.: 22-04408

Prepared by:

A handwritten signature in black ink that reads "Gerard D'Alessio".

**Gerard D'Alessio
Environmental Scientist**

Signed for the Company by:

A handwritten signature in black ink that reads "John H. Chiaviello".

**John H. Chiaviello
Vice President**

McCabe Environmental Services, L.L.C.

Client: Greater Bergen Community Action – Westside Head Start Lead & Copper in Drinking Water

MES Project No.: 22-04408

Date: 08/30/2022

1.0 INTRODUCTION

McCabe Environmental Services, L.L.C. (McCabe) was retained by Greater Bergen Community Action to conduct lead & copper in drinking water testing at the Greater Bergen Community Actions facility located at 265 Totowa Avenue, Paterson, New Jersey 07504.

The project information is as follows:

<u>Client Name:</u>	Greater Bergen Community Action
<u>Contact Person:</u>	Ms. Katherine Polanco
<u>Project Name:</u>	Westside Head Start Lead & Copper in Drinking Water
<u>Project Location:</u>	265 Totowa Avenue Paterson, New Jersey 07504
<u>Date(s) of Service:</u>	July 27, 2022
<u>McCabe Personnel:</u>	Gerard D'Alessio

2.0 SCOPE OF WORK

Drinking water testing was performed at Westside Head Start located at 265 Totowa Avenue, Paterson, New Jersey 07504 on July 27, 2022. The purpose of the testing was to determine if the building's plumbing was having an adverse impact on water quality, specifically with regard to lead and copper concentrations. Samples were collected from various potential drinking water outlets located throughout the building.

3.0 PROCEDURES

After determining which outlets would be sampled, McCabe personnel collected a "first draw" sample at each location. A "first draw" is the initial water that is first to come out of the tap after a period of inactivity. All samples were collected into 250 mL sterile bottles, labeled with a sample identification, and analyzed in accordance with EPA approved methods to determine the level of lead in drinking water. Samples were analyzed by an accredited laboratory.

The U.S. Environmental Protection Agency (EPA) has established National Primary Drinking Water Regulations (NPDWR) that set mandatory water quality standards for drinking water contaminants. These are enforceable standards called "maximum contaminant levels" or "MCL", which are established to protect the public against consumption of drinking water contaminants that present a risk to human health. An MCL is the maximum allowable amount of a contaminant in drinking water which is delivered to the consumer.

The EPA has established the Lead and Copper Rule that sets standards for state and public water systems. This rule has set an MCL for lead at 15 parts per billion (ppb) for a one-liter sample. However, the EPA also established the Lead in Drinking Water at Schools and Child Care Facilities in which the EPA recommends an MCL of 20 ppb for a 250 milliliter first draw sample. In order to be more stringent, for our report purposes we have compared all results to both the 15 ppb and the 20 ppb standards.

4.0 TABLE OF SAMPLE RESULTS

The following table presents all lead and copper sample results in order of sample identification:

Sample ID	Sample Location	Lead Result (ppb)	Lead Exceeds (MCL 15 ppb)	Lead Exceeds (MCL 20 ppb)	Copper Result (ppb)	Copper Exceeds (MCL 1300 ppb)
WHS-01	Bathroom 1-Middle Sink	2.6	Pass	Pass	67	Pass
WHS -02	Bathroom 2-Middle Sink	1.9	Pass	Pass	29	Pass
WHS -03	Bathroom 2A-Sink	2.7	Pass	Pass	70	Pass
WHS -04	Classroom 1A-Sink	1.2	Pass	Pass	49	Pass
WHS -05	Water Fountain Next to Bathroom 2A	3	Pass	Pass	668	Pass
WHS -06	Bathroom 3 Middle Sink	3.4	Pass	Pass	186	Pass
WHS-07	Kitchen Left Sink	6	Pass	Pass	55	Pass
WHS-08	Bathroom 4A Left Sink	10	Pass	Pass	103	Pass
WHS-09	Support Service Office Bathroom-Sink	4.9	Pass	Pass	20	Pass
WHS-10	Staff Lounge-Sink	<0.5	Pass	Pass	<5	Pass
WHS-11	Bathroom 4 Middle Sink	5.8	Pass	Pass	78	Pass
WHS-12	Bathroom 5 Middle Sink	1.8	Pass	Pass	359	Pass

Sample ID	Sample Location	Lead Result (ppb)	Lead Exceeds (MCL 15 ppb)	Lead Exceeds (MCL 20 ppb)	Copper Result (ppb)	Copper Exceeds (MCL 1300 ppb)
WHS-13	Bathroom 6 Middle Sink	1.9	Pass	Pass	132	Pass
WHS-14	Bathroom 7 Middle Sink	3.7	Pass	Pass	77	Pass
WHS-15	Basement Multipurpose Room	1.2	Pass	Pass	212	Pass
WHS-16	Bathroom 8 Sink	0.6	Pass	Pass	120	Pass
WHS-17	Bathroom 9 Sink	3	Pass	Pass	153	Pass
WHS-18	Bathroom 10 Sink	0.9	Pass	Pass	229	Pass
WHS-19	Cafeteria Sink	5.9	Pass	Pass	122	Pass

5.0 DISCUSSION AND CONCLUSION

A total of nineteen (19) samples were collected from Westside Head Start located at 265 Totowa Avenue, Paterson, New Jersey 07504. All samples were found to be less than the EPA Lead in Drinking Water at Schools and Child Care Facilities standard of 20 ppb, as well as the EPA Lead and Copper Rule standard of 15 ppb and 1300 ppb for copper.

In addition, McCabe Environmental recommends annual drinking water sampling to ensure that the building’s plumbing is not having an adverse impact on water quality.