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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:***

Eastside Head Start  
500 East 35th Street  
Paterson, New Jersey 07504

***Submitted by:***

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

**REPORT DATE:** August 23, 2022

**MES PROJECT NO.:** 22-04407

***Prepared by:***

A handwritten signature in black ink, appearing to read 'Gerard D'Alessio'.

**Gerard D'Alessio  
Environmental Scientist**

***Signed for the Company by:***

A handwritten signature in black ink, appearing to read 'John H. Chiaviello'.

**John H. Chiaviello  
Vice President**

**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 500 East 35<sup>th</sup> Street, Paterson, New Jersey 07504.

The project information is as follows:

Client Name: Greater Bergen Community Action  
Contact Person: Ms. Katherine Polanco

Project Name: Eastside Head Start Lead & Copper in Drinking Water  
Project Location: 500 East 35<sup>th</sup> Street  
Paterson, New Jersey 07504

Date(s) of Service: July 26, 2022

McCabe Personnel: Gary Clare

**2.0 SCOPE OF WORK**

Drinking water testing was performed at Eastside Head Start located at 500 East 35<sup>th</sup> Street, Paterson, New Jersey 07504 on July 26, 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)
01	Bathroom 1 Sink	<0.5	Pass	Pass	192	Pass
02	Bathroom 2 Middle Sink	<0.5	Pass	Pass	197	Pass
03	Bathroom 3 Middle Sink	<0.5	Pass	Pass	210	Pass
04	Water Fountain Across from Classroom G	<0.5	Pass	Pass	363	Pass
05	Bathroom 4 Middle Sink	4.8	Pass	Pass	402	Pass
06	Bathroom 5 Middle Sink	<0.5	Pass	Pass	188	Pass
07	Bathroom 6 Sink	<0.5	Pass	Pass	164	Pass
08	Bathroom 7 Sink	<0.5	Pass	Pass	20	Pass
09	Infant Room 1 Sink	0.9	Pass	Pass	235	Pass
10	Infant Room 2 Sink	<0.5	Pass	Pass	59	Pass
11	Infant Room 3 Sink	0.6	Pass	Pass	126	Pass
12	Infant Room 4 Sink	<0.5	Pass	Pass	73	Pass
13	Infant Room 5 Sink	<0.5	Pass	Pass	78	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)
14	Kitchen Rear Metal Sink	<0.5	Pass	Pass	183	Pass
15	Kitchen Sink Near Counter	3.7	Pass	Pass	196	Pass
16	Bathroom 15 Middle Sink	2.2	Pass	Pass	435	Pass
17	Bathroom 16 Right Sink	1.3	Pass	Pass	247	Pass
18	Bathroom 11 Sink	1.6	Pass	Pass	290	Pass
19	Bathroom 12 Sink	1	Pass	Pass	236	Pass
20	2 <sup>nd</sup> Floor- Staff Lounge Sink	1	Pass	Pass	166	Pass
21	Bathroom 24 Sink	0.7	Pass	Pass	194	Pass
23	Bathroom 20 Sink	1.5	Pass	Pass	107	Pass
24	Bathroom 21 Sink	<0.5	Pass	Pass	151	Pass
25	Bathroom 22 Sink	0.5	Pass	Pass	147	Pass
26	2 <sup>nd</sup> Floor- Bathroom 25 Sink	0.5	Pass	Pass	212	Pass
27	Bathroom 23 Left Sink	0.8	Pass	Pass	262	Pass
28	Bathroom 24 Left Sink	<0.5	Pass	Pass	231	Pass
29	Bathroom 8 Sink	<0.5	Pass	Pass	18	Pass
30	Bathroom 9 Sink	<0.5	Pass	Pass	85	Pass

**5.0 DISCUSSION AND CONCLUSION**

A total of twenty-nine (29) samples were collected from Eastside Head Start located at 500 East 35<sup>th</sup> Street, 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 for lead 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.