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FOLLOW-UP LEAD IN DRINKING WATER TESTING REPORT

Conducted for:

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

Conducted at:

Child Development Center of Hackensack
291 2nd Street
Hackensack, New Jersey 07601

Submitted by:

McCabe Environmental Services, L.L.C.
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REPORT DATE: April 6, 2022

MES PROJECT NO.: 22-04317

Prepared by:

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Signed for the Company by:

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1.0 INTRODUCTION

McCabe Environmental Services, L.L.C. (McCabe) was retained by Greater Bergen Community Action to conduct a follow-up round of lead in drinking water testing at the Child Development Center of Hackensack located at 291 2nd Street, Hackensack, New Jersey 07601.

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> | CDCH – Follow-up Lead in Drinking Water |
| <u>Project Location:</u> | 291 2 nd Street Hackensack, New Jersey 07601 |
| <u>Date(s) of Service:</u> | March 18, 2022 |
| <u>McCabe Personnel:</u> | Luke Giunta |

2.0 SCOPE OF WORK

On March 1, 2022, initial lead and copper in drinking water testing was performed at Child Development Center of Hackensack located at 291 2nd Street, Hackensack, New Jersey 07601. 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 & copper concentrations. Of the six (6) samples collected, the following locations were found to exceed the EPA Lead and Copper Rule Maximum Contaminant Level (MCL) of 15 parts per billion. The copper concentration was below the regulatory standard.

- Nurse’s Office Sink

McCabe recommended discontinued usage of the outlets which yielded failed results until additional samples can be collected and analyzed and a permanent solution can be recommended. Follow-up lead in drinking water testing was conducted for the outlets that caused a failure in results at Child Development Center of Hackensack on March 18, 2022.

3.0 PROCEDURES

During the follow-up drinking water sampling, McCabe personnel collected a "first draw" sample at the failed location. A "first draw" is the initial water that is first to come out of the tap after a period of inactivity. Following the “first draw”, a "30 second flush" sample was also collected. 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 sample results in order of sample identification:

| Sample ID | Sample Location | Lead Result | Exceeds (MCL 15 ppb) | Exceeds (MCL 20 ppb) |
|-----------|---------------------------------------|-------------|----------------------|----------------------|
| 01 | Nurse’s Office Sink – First Draw | 2.5 | Pass | Pass |
| 02 | Nurse’s Office Sink – 30 Second Flush | < 0.5 | Pass | Pass |

5.0 DISCUSSION AND CONCLUSION

On March 1, 2022, initial lead and copper in drinking water testing was performed at Child Development Center of Hackensack located at 291 2nd Street, Hackensack, New Jersey 07601. Of the six (6) samples taken, the sample collected from the **Nurse’s Office Sink** exceeded the EPA Lead and Copper Rule Maximum Contaminant Level (MCL) of 15 parts per billion. McCabe recommended discontinued usage of the Nurse’s Office Sink until additional samples can be collected and analyzed and a permanent solution can be recommended. Follow-up lead in drinking water testing was then conducted for the Nurse’s Office Sink on March 18, 2022.

A total of two (2) follow-up samples were collected from Child Development Center of Hackensack located at 291 2nd Street, Hackensack, New Jersey 07601. Both 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.

Due to the results of the initial round of testing performed on March 1, 2022, McCabe recommends if the Nurse’s Office Sink outlet is to be utilized, a 30 second flush must be conducted before every use. Proper signage should also be utilized and visibly posted near the outlet.

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.