

## **EXECUTIVE SUMMARY:**

The South Plainfield Township Board of Education requested lead in water testing of potable water outlets at Roosevelt Elementary School, 135 Jackson Ave, South Plainfield, NJ 07080.

### *Previous Testing*

No information related to previous testing was available.

### *Recent Testing (11/10/16)*

In order to assess the building water outlets a full testing of all potable outlets was performed on November 10, 2016.

Reportedly the outlets were not flushed or used on the day of testing.

First draw and flush samples (30 second) were collected of 22 water fountains and sinks.

**All results were below the Lead and Copper action level of 15 ppb.**

See Section 3 Discussion of Results

**1 RESULTS TABLE:**

Sample #	Location	1 <sup>st</sup> draw (FD) or flush (FL)	Results (ppb)	LCR Action Level <sup>(1)</sup> (ppb)
1	Kitchen (L)	FD	1.2	15
2	Kitchen (R)	FD	<1.0	15
3	At Room 95 (L)	FD	<1.0	15
4	At Room 95 (R)	FD	<1.0	15
5	Room 101	FD	<1.0	15
6	Room 104	FD	<1.0	15
7	Room 109	FD	<1.0	15
8	Room 108	FD	<1.0	15
9	Room 107	FD	<1.0	15
10	Room 83	FD	2.5	15
11	Nurse Room 80	FD	1.3	15
12	Nurse Lavatory	FD	<1.0	15
13	Library	FD	10.6	15
14	Room 32 (Faculty)	FD	3.2	15
15	Room 24	FD	<1.0	15
16	Room 11	FD	<1.0	15
17	Room 9	FD	<1.0	15
18	Room 4	FD	<1.0	15
19	At Room 4 (L)	FD	<1.0	15
20	At Room 4 (R)	FD	<1.0	15
21	Room 3	FD	<1.0	15
22	Room 2	FD	<1.0	15
23	Field Blank	FD	<1.0	15

<sup>(1)</sup> EPA Lead in Copper Rule (1991) Action Level for water suppliers (municipalities and private wells) and March 2016 Newark Public Schools Lead Water Testing Sampling Plan.

FD – First Draw Sample

FL – Flush Sample (30 sec)

NA – Not Analyzed

### 3 DISCUSSION OF RESULTS:

All lead in water results were below the EPA Lead and Copper action level of 15 ppb. No analysis was performed for copper in water.

### 4 RECOMMENDATIONS:

#### *Short term:*

- No further action is recommended in regards to outlets test

#### *Long Term:*

- Repeat full building testing on an annual basis. Generally this should be performed in August prior to the start of the school season.
- Develop a Lead in Water Management Plan in accordance with the 2006 EPA 3Ts for Reducing Lead in Drinking Water in Schools.