

NON-PUBLIC SCHOOLS SAMPLING RESULTS REPORT



INTRODUCTION

During the months of November and December 2017, the Department of Licensing and Regulatory Affairs (DLARA) flushed the plumbing lines at each of the Flint Non-Public Schools to prepare the schools for sampling by the Department of Environmental Quality (DEQ). The dates of flushing and sampling for each school are listed below:

School Name	Flushing Date	Sampling Date
Eagle's Nest Academy	12/1 *	12/2
Flint Institute of Music	11/26	11/27
Flint Youth Theater	11/26	11/27
Fr. Luke M. Powers High School	11/10	11/11
International Academy of Flint	11/26	11/27
Michigan School for the Deaf (MSD) Main	11/11	11/12
MSD Stevens Hall	11/11	11/12
MSD Learning Resource Center	11/11	11/12
MSD Gilbert Hall	12/1 **	12/2
New Standard Academy	11/16	11/17
Richfield Public School Academy	11/18	11/19
St. John Vianney School	11/10	11/11
St. Paul Lutheran School	11/10	11/11
St. Pius X	11/16	11/17
Summerfield Community School	11/16	11/17
WAY Academy of Flint	12/7 *	12/8

* Flushed by Facility Maintenance Staff

** Flushed by DEQ Field Office Staff

SAMPLING METHOD

Each operational drinking water fixture at the school was identified and sampled. After a minimum six-hour stagnation period, one 250 ml sample was collected at each of the fixtures identified.

RESULTS AND NOTES

When reviewing the lab sample results, the sample description will contain letters to indicate the fixture type. Specifically, kitchen sinks have "KC" in the name, restroom sinks are noted "BF" and classroom faucets are noted "CF." Samples from these fixtures are non-filtered water, unless noted in sample notes. Alternatively, water coolers are noted "WC" and drinking water bubblers are noted "DW". Both water coolers and bubblers have inline filters installed, so the samples are of filtered water, unless otherwise noted. Not Detected (ND) means; for lead the amount in water is less than 1 parts per billion (ppb), and for copper the amount in water is less than 50 ppb.

Sample results can be found online at www.michigan.gov/flintwater, select "Testing Results" and "School Testing."

Eagles Nest Academy

December 2, 2017

Of the four (4) samples:

- No sample exceeded 15 ppb for lead.
Lead Range: ND to 10 ppb
- No sample exceeded 1,300 ppb for copper.
Copper Range: 240 to 610 ppb

Flint Institute of Music

November 27, 2017

Of the ten (10) samples:

- No sample exceeded 15 ppb for lead.
Lead Range: ND to 6 ppb
- No sample exceeded 1,300 ppb for copper.
Copper Range: 60 to 330 ppb

International Academy of Flint

November 27, 2017

Of the twenty-seven (27) samples:

- No samples exceeded 15 ppb for lead.
Lead Range: ND to 2 ppb
- No sample exceeded 1,300 ppb for copper.
Copper Range: ND to 980 ppb

Field Notes:

Kitchen faucet GF01KC024A in Room 101 was filtered.

Flint Youth Theater

November 27, 2017

Of the nine (9) samples:

- No sample exceeded 15 ppb for lead.
Lead Range: ND to 1 ppb
- No sample exceeded 1,300 ppb for copper.
Copper Range: 60 to 550 ppb

MSD Main Building

November 12, 2017

Of the twenty-two (22) samples:

- No samples exceeded 15 ppb for lead.
Lead Range: ND to 3 ppb
- No sample exceeded 1,300 ppb for copper.
Copper Range: ND to 440 ppb

Father Luke M. Powers High School

November 11, 2017

Of the thirty-three (33) samples:

- No samples exceeded 15 ppb for lead.
Lead Range: ND to 1 ppb
- One sample exceeded 1,300 ppb for copper.
Copper Range: ND to 1770 ppb

Field Notes:

The exceedance was fixture 01KC030; and the sample was filtered.

MSD Stevens Hall

November 12, 2017

Of the sixty-eight (68) samples:

- One sample exceeded 15 ppb for lead.
Lead Range: ND to 21 ppb
- No sample exceeded the target of 1,300 ppb for copper.
Copper Range: ND to 650 ppb.

Field Notes:

The exceedance was fixture 02BF067 in Room 236.

All bathroom faucets (BF) were filtered.

MSD Learning Resource Center

November 12, 2017

Of the twenty (20) samples:

- No samples exceeded 15 ppb for lead.
Lead Range: ND to 2 ppb
- No sample exceeded 1,300 ppb for copper.
Copper Range: ND to 400 ppb

Field Notes:

All bathroom faucets (BF) were filtered.

Richfield Public School Academy

November 19, 2017

Of the twenty-nine (29) samples:

- All samples were ND
Lead Range: ND to ND
- No sample exceeded 1,300 ppb for copper.
Copper Range: ND to 290 ppb

Field Notes:

All samples were unfiltered.

MSD Gilbert Hall

December 2, 2017

Of the five (5) samples:

- All samples were ND for lead.
Lead Range: ND to ND
- No sample exceeded 1,300 ppb for copper.
Copper Range: ND to 300 ppb

St. John Vianney School

November 11, 2017

Of the twenty-four (24) samples:

- One sample exceeded 15 ppb for lead.
Lead Range: ND to 39 ppb
- One sample exceeded 1,300 ppb for copper.
Copper Range: ND to 4,730 ppb

Field Notes:

The exceedances were from fixture 01KC008 in Room M-2.

New Standard Academy

November 18, 2017

Of the thirty-seven (37) samples:

- One sample exceeded 15 ppb for lead.
Lead Range: ND to 39 ppb
- No sample exceeded 1,300 ppb for copper.
Copper Range: ND to 1,150 ppb.

Field Notes:

The exceedance was fixture 02KC025 in Room D-20.

St. Paul Lutheran

November 11, 2017

Of the fourteen (14) samples:

- All samples were ND for lead.
Lead Range: ND to ND
- No sample exceeded 1,300 ppb for copper.
Copper Range: ND to 180 ppb

St. Pius X

November 17, 2017

Of the thirteen (13) samples:

- No sample exceeded 15 ppb for lead.
Lead Range: ND to 2 ppb
- No sample exceeded 1,300 ppb for copper.
Copper Range: ND to 140 ppb

Field Notes:

Kitchen faucet 001KC011 was filtered.

Summerfield Community School

November 17, 2017

Of the thirty-three (33) samples:

- One sample exceeded 15 ppb for lead.
Lead Range: ND to 59 ppb
- No sample exceeded 1,300 ppb for copper.
Copper Range: ND to 70 ppb

Field Notes:

The exceedance was fixture 001CF008 in Room 14.

WAY Academy

December 8, 2017

Of the one (1) sample:

- The sample was ND for lead.
- The sample was 80 ppb for copper.