Dear student, staff or parent,

As you may know, *Fabius Pompey Central school district* is also a public water system because we are responsible for providing you with water at this location and ensuring that the drinking water we provide to you meets state and federal standards. We collected drinking water samples for lead at this location on 8/1/17. Lead levels of not detected to 2.74 parts per billion (ppb) were reported for the samples we collected.

We are happy to report that the 90th percentile value for our water system is below the lead action level of 15 parts per billion.

**What Does This Mean?**
Under the authority of the Safe Drinking Water Act, EPA set the action level for lead in drinking water at 15 ppb. This means utilities must ensure that water from the taps used for human consumption does not exceed this level in at least 90 percent of the sites sampled (90th percentile value). The action level is *the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.* If water from the tap does exceed this limit, then the utility must take certain steps to correct the problem. Because lead may pose serious health risks, the EPA set a Maximum Contaminant Level Goal (MCLG) of zero for lead. The MCLG is *the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.*

**What Are The Health Effects of Lead?**
*Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.*

**What Are The Sources of Lead?**
The primary sources of lead exposure for most children are deteriorating lead-based paint, lead contaminated dust, and lead contaminated residential soil. Exposure to lead is a significant health concern, especially for young children and infants whose growing bodies tend to absorb more lead than the average adult. Although our facility's lead levels were below the action level, if you are concerned about lead exposure in your home, parents should ask their health care providers about testing children to determine levels of lead in their blood.

**What Can I Do To Reduce Exposure to Lead in Drinking Water?**

- ***Run your water to flush out lead.*** If water hasn't been used for several hours, run water for 15-30 seconds or until it becomes cold or reaches a steady temperature before using it for drinking or cooking. This flushes lead-containing water from the pipes.
- ***Use cold water for cooking and preparing baby formula.***
- ***Do not boil water to remove lead.***

**For More Information**

Call Rick Clancy at 315-683-5180 or visit our Web site at http://www.fabiuspompey.org/. For more information on lead in drinking water, contact your local health department at Onondaga County Health Department 421 Montgomery St. 12th Floor East Syracuse, NY 13202, Office Phone: 315-435-6600, or the New York State Department of Health directly by calling the toll-free number (within New York State) 1 800-458-1158, extension 27650, or out of state at (518) 402-7650, or by email at bpwsp@health.state.ny.us. For more information on reducing lead exposure around your home/building and the health effects of lead, visit EPA's Web site at www.epa.gov/lead, or call the National Lead Information Center at 1-800-424-LEAD.

# CERTIFICATION OF COLLECTION METHODS

I certify that:

- Each first draw tap sample for lead and copper is one liter in volume and has stood motionless in the plumbing system of each sampling site for at least six hours.
- Each first draw sample collected from a non-residential building has been collected at an interior tap from which water is typically drawn for consumption.
- Each first draw sample collected during an annual or triennial monitoring period has been collected in the months of June, July, August, or September.
- Enclosed is a copy of the sample results that were made available to all who use the water.

Signature

OCM BOCES SAFETY OFFICER 8/17/17

Title Date

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# CERTIFICATE OF ANALYSIS

J7H0284

**FABIUS POMEY SCHOOLS**

Rick Clancy
1211 Mill Street
Fabius, NY 13063

**Project Name: Annual Testing**

Project / PO Number: N/A
Received: 08/01/2017
Reported: 08/17/2017

## Analytical Testing Parameters

| | | | |
|---|---|---|---|
| **Client Sample ID:** | Elem. Entry point | | |
| **Sample Matrix:** | Drinking Water | **Collected By:** | DMW-Client |
| **Lab Sample ID:** | J7H0284-01 | **Collection Date:** | 08/01/2017 8:49 |

| Inorganics | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed | Lab |
|---|---|---|---|---|---|---|---|---|
| **Method: EPA 353.2, Rv 2.0** | | | | | | | | |
| Nitrate as N (Calc) | 5.55 | | 0.250 | mg/L | | 08/02/17 1245 | 08/02/17 1618 | |
| Nitrate-Nitrite as N | 5.55 | 10.0 MCL | 0.250 | mg/L | | 08/02/17 1245 | 08/02/17 1618 | NY |
| Nitrite as N | <0.0250 | 1.00 MCL | 0.0250 | mg/L | | 08/02/17 1245 | 08/02/17 1512 | NY |

**Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville**

| Metals, Total | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| **Method: EPA 200.7, Rv. 4.4** | | | | | | | |
| Manganese | <0.0020 | | 0.0020 | mg/L | | 08/03/17 0900 | 08/03/17 1255 |
| Iron | 0.0185 | | 0.0102 | mg/L | | 08/03/17 0900 | 08/03/17 1255 |
| Silver | <0.0020 | | 0.0020 | mg/L | | 08/03/17 0900 | 08/03/17 1255 |
| Zinc | 0.526 | | 0.0051 | mg/L | | 08/03/17 0900 | 08/03/17 1255 |
| Sodium | 68.0 | | 1.02 | mg/L | | 08/03/17 0900 | 08/03/17 1255 |

**Analyses Subcontracted to: Microbac Laboratories, Inc. - Erie**

| Inorganics | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| **Method: EPA 300.0, Rv. 2.1** | | | | | | | |
| Chloride | 109 | 250 SMCL | 2.50 | mg/L | | 08/04/17 1939 | 08/04/17 1939 |
| Sulfate | 11.3 | 250 SMCL | 1.00 | mg/L | | 08/04/17 0301 | 08/04/17 0301 |
| **Method: SM 2120 B-01,-11** | | | | | | | |
| Color | <5.0 | 15 SMCL | 5.0 | Pt-Co Units | | 08/02/17 1350 | 08/02/17 1350 |
| pH (at Color determination) | 7.4 | | 1.0 | Units | H | 08/02/17 1350 | 08/02/17 1350 |
| **Method: SM 2150 B-97** | | | | | | | |
| Odor (TON at 60°C) | See Below | | | TON | H, Z4 | | 08/02/17 1600 |

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CERTIFICATE OF ANALYSIS

J7H0284

| | | | |
|---|---|---|---|
| **Client Sample ID:** | Elem Nurse's Office | | |
| **Sample Matrix:** | Drinking Water | **Collected By:** | DW - Client |
| **Lab Sample ID:** | J7H0284-02 | **Collection Date:** | 08/01/2017 9:12 |

| Lead and/or Copper, Total - ICP/MS | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed | Lab |
|---|---|---|---|---|---|---|---|---|
| **Method: EPA 200.8/EPA 200.8, Rv 5.4** | | | | | | | | |
| Copper | 0.201 | 1.30 AL<br>1 SMCL | 0.00200 | mg/L | | 08/03/17 1304 | 08/04/17 1421 | NY |
| Lead | 0.00261 | 0.0150 AL | 0.000500 | mg/L | | 08/03/17 1304 | 08/04/17 1421 | NY |

| | | | |
|---|---|---|---|
| **Client Sample ID:** | Elem Kitchen Sink | | |
| **Sample Matrix:** | Drinking Water | **Collected By:** | DW - Client |
| **Lab Sample ID:** | J7H0284-03 | **Collection Date:** | 08/01/2017 8:57 |

| Lead and/or Copper, Total - ICP/MS | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed | Lab |
|---|---|---|---|---|---|---|---|---|
| **Method: EPA 200.8/EPA 200.8, Rv 5.4** | | | | | | | | |
| Copper | 0.0865 | 1.30 AL<br>1 SMCL | 0.00200 | mg/L | | 08/03/17 1304 | 08/04/17 1421 | NY |
| Lead | 0.00274 | 0.0150 AL | 0.000500 | mg/L | | 08/03/17 1304 | 08/04/17 1421 | NY |

| | | | |
|---|---|---|---|
| **Client Sample ID:** | Elem Faculty Room | | |
| **Sample Matrix:** | Drinking Water | **Collected By:** | DW - Client |
| **Lab Sample ID:** | J7H0284-04 | **Collection Date:** | 08/01/2017 8:45 |

| Lead and/or Copper, Total - ICP/MS | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed | Lab |
|---|---|---|---|---|---|---|---|---|
| **Method: EPA 200.8/EPA 200.8, Rv 5.4** | | | | | | | | |
| Copper | 0.0855 | 1.30 AL<br>1 SMCL | 0.00200 | mg/L | | 08/03/17 1304 | 08/04/17 1421 | NY |
| Lead | 0.000936 | 0.0150 AL | 0.000500 | mg/L | | 08/03/17 1304 | 08/04/17 1421 | NY |

| | | | |
|---|---|---|---|
| **Client Sample ID:** | Elem Drinking Fountain near room 5 | | |
| **Sample Matrix:** | Drinking Water | **Collected By:** | DW - Client |
| **Lab Sample ID:** | J7H0284-05 | **Collection Date:** | 08/01/2017 8:59 |

| Lead and/or Copper, Total - ICP/MS | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed | Lab |
|---|---|---|---|---|---|---|---|---|
| **Method: EPA 200.8/EPA 200.8, Rv 5.4** | | | | | | | | |
| Copper | 0.0727 | 1.30 AL<br>1 SMCL | 0.00200 | mg/L | | 08/03/17 1304 | 08/04/17 1421 | NY |
| Lead | <0.000500 | 0.0150 AL | 0.000500 | mg/L | | 08/03/17 1304 | 08/04/17 1421 | NY |

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J7H0284

| | | | |
|---|---|---|---|
| **Client Sample ID:** | Elem Drinking Fountain near room 109 | | |
| **Sample Matrix:** | Drinking Water | **Collected By:** | DW - Client |
| **Lab Sample ID:** | J7H0284-06 | **Collection Date:** | 08/01/2017 9:08 |

| Lead and/or Copper, Total - ICP/MS | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed | Lab |
|---|---|---|---|---|---|---|---|---|
| **Method: EPA 200.8/EPA 200.8, Rv 5.4** | | | | | | | | |
| Copper | 0.0845 | 1.30 AL<br>1 SMCL | 0.00200 | mg/L | | 08/03/17 1304 | 08/04/17 1421 | NY |
| Lead | 0.000614 | 0.0150 AL | 0.000500 | mg/L | | 08/03/17 1304 | 08/04/17 1421 | NY |

| | | | |
|---|---|---|---|
| **Client Sample ID:** | HS entry point | | |
| **Sample Matrix:** | Drinking Water | **Collected By:** | DMW-Client |
| **Lab Sample ID:** | J7H0284-07 | **Collection Date:** | 08/01/2017 9:29 |

| Inorganics | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed | Lab |
|---|---|---|---|---|---|---|---|---|
| **Method: EPA 353.2, Rv 2.0** | | | | | | | | |
| Nitrate as N (Calc) | 4.65 | | 0.250 | mg/L | | 08/02/17 1245 | 08/02/17 1621 | |
| Nitrate-Nitrite as N | 4.65 | 10.0 MCL | 0.250 | mg/L | | 08/02/17 1245 | 08/02/17 1621 | NY |
| Nitrite as N | <0.0250 | 1.00 MCL | 0.0250 | mg/L | | 08/02/17 1245 | 08/02/17 1513 | NY |

**Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville**

| Metals, Total | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| **Method: EPA 200.7, Rv. 4.4** | | | | | | | |
| Manganese | <0.0020 | | 0.0020 | mg/L | | 08/03/17 0900 | 08/03/17 1258 |
| Iron | 0.0130 | | 0.0102 | mg/L | | 08/03/17 0900 | 08/03/17 1258 |
| Silver | <0.0020 | | 0.0020 | mg/L | | 08/03/17 0900 | 08/03/17 1258 |
| Zinc | 0.244 | | 0.0051 | mg/L | | 08/03/17 0900 | 08/03/17 1258 |
| Sodium | 38.0 | | 1.02 | mg/L | | 08/03/17 0900 | 08/03/17 1258 |

**Analyses Subcontracted to: Microbac Laboratories, Inc. - Erie**

| Inorganics | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| **Method: EPA 300.0, Rv. 2.1** | | | | | | | |
| Chloride | 44.3 | 250 SMCL | 0.50 | mg/L | | 08/04/17 0352 | 08/04/17 0352 |
| Sulfate | 12.1 | 250 SMCL | 1.00 | mg/L | | 08/04/17 0352 | 08/04/17 0352 |
| **Method: SM 2120 B-01,-11** | | | | | | | |
| Color | <5.0 | 15 SMCL | 5.0 | Pt-Co Units | | 08/02/17 1350 | 08/02/17 1350 |
| pH (at Color determination) | 7.5 | | 1.0 | Units | H | 08/02/17 1350 | 08/02/17 1350 |
| **Method: SM 2150 B-97** | | | | | | | |
| Odor (TON at 60°C) | See Below | | | TON | H, Z4 | | 08/02/17 1700 |

# CERTIFICATE OF ANALYSIS

## J7H0284

| | | | |
|---|---|---|---|
| **Client Sample ID:** | MS/HS Drinking Fountain near room 108 | | |
| **Sample Matrix:** | Drinking Water | **Collected By:** | DW - Client |
| **Lab Sample ID:** | J7H0284-08 | **Collection Date:** | 08/01/2017 9:55 |

| Lead and/or Copper, Total - ICP/MS | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed | Lab |
|---|---|---|---|---|---|---|---|---|
| **Method: EPA 200.8/EPA 200.8, Rv 5.4** | | | | | | | | |
| Copper | 0.160 | 1.30 AL | 0.00200 | mg/L | | 08/03/17 1304 | 08/04/17 1421 | NY |
| Lead | 0.000718 | 1 SMCL<br>0.0150 AL | 0.000500 | mg/L | | 08/03/17 1304 | 08/04/17 1421 | NY |

| | | | |
|---|---|---|---|
| **Client Sample ID:** | MS/HS Drinking Fountain near Room 214 | | |
| **Sample Matrix:** | Drinking Water | **Collected By:** | DW - Client |
| **Lab Sample ID:** | J7H0284-09 | **Collection Date:** | 08/01/2017 9:42 |

| Lead and/or Copper, Total - ICP/MS | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed | Lab |
|---|---|---|---|---|---|---|---|---|
| **Method: EPA 200.8/EPA 200.8, Rv 5.4** | | | | | | | | |
| Copper | 0.156 | 1.30 AL | 0.00200 | mg/L | | 08/03/17 1304 | 08/04/17 1421 | NY |
| Lead | 0.000879 | 1 SMCL<br>0.0150 AL | 0.000500 | mg/L | | 08/03/17 1304 | 08/04/17 1421 | NY |

| | | | |
|---|---|---|---|
| **Client Sample ID:** | MS/HS Nurse's Office | | |
| **Sample Matrix:** | Drinking Water | **Collected By:** | DW - Client |
| **Lab Sample ID:** | J7H0284-10 | **Collection Date:** | 08/01/2017 9:50 |

| Lead and/or Copper, Total - ICP/MS | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed | Lab |
|---|---|---|---|---|---|---|---|---|
| **Method: EPA 200.8/EPA 200.8, Rv 5.4** | | | | | | | | |
| Copper | 0.135 | 1.30 AL | 0.00200 | mg/L | | 08/03/17 1304 | 08/04/17 1421 | NY |
| Lead | 0.00224 | 1 SMCL<br>0.0150 AL | 0.000500 | mg/L | | 08/03/17 1304 | 08/04/17 1421 | NY |

| | | | |
|---|---|---|---|
| **Client Sample ID:** | MS/HS Kitchen Sink | | |
| **Sample Matrix:** | Drinking Water | **Collected By:** | DW - Client |
| **Lab Sample ID:** | J7H0284-11 | **Collection Date:** | 08/01/2017 9:21 |

| Lead and/or Copper, Total - ICP/MS | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed | Lab |
|---|---|---|---|---|---|---|---|---|
| **Method: EPA 200.8/EPA 200.8, Rv 5.4** | | | | | | | | |
| Copper | 0.100 | 1.30 AL | 0.00200 | mg/L | | 08/03/17 1304 | 08/04/17 1421 | NY |
| Lead | 0.00129 | 1 SMCL<br>0.0150 AL | 0.000500 | mg/L | | 08/03/17 1304 | 08/04/17 1421 | NY |

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## CERTIFICATE OF ANALYSIS

## J7H0284

| | | | |
|---|---|---|---|
| **Client Sample ID:** | MS/HS Faculty Room | | |
| **Sample Matrix:** | Drinking Water | **Collected By:** | DW - Client |
| **Lab Sample ID:** | J7H0284-12 | **Collection Date:** | 08/01/2017 9:51 |

| Lead and/or Copper, Total - ICP/MS | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed | Lab |
|---|---|---|---|---|---|---|---|---|
| **Method: EPA 200.8/EPA 200.8, Rv 5.4** | | | | | | | | |
| Copper | 0.109 | 1.30 AL<br>1 SMCL | 0.00200 | mg/L | | 08/03/17 1304 | 08/04/17 1421 | NY |
| Lead | 0.000852 | 0.0150 AL | 0.000500 | mg/L | | 08/03/17 1304 | 08/04/17 1421 | NY |

*Results in **bold** have exceeded a limit defined for this project. Limits are provided for reference but as regulatory limits change frequently, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits and units of concentration with the appropriate Federal, state or local authorities before acting on the data.*

### Laboratory

**NY:** Microbac Laboratories, Inc., New York Division

### Definitions

**AL:** US EPA Action Level
**H:** Sample was analyzed past holding time.
**MCL:** US EPA Maximum Contaminant Level
**RL:** Reporting Limit
**SMCL:** US EPA Secondary Maximum Contaminant Level
**TON:** Threshold Odor Number
**Z4:** No Odor Observed

### Project Requested Certification(s)

| | |
|---|---|
| Microbac Laboratories, Inc. - Dayville | |
| 11549 | New York State Department of Health |
| Microbac Laboratories, Inc., New York Division | |
| NY Lab ID No.: 10795 | New York State Department of Health |
| Microbac Laboratories, Inc. - Erie | |
| NY DOH# 10121 | New York State Department of Health |
| PA DEP# 25-00067 | PA Department of Environmental Protection<br>PADEP Accreditation by Rule |

### Report Comments

*Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.*

*The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included.*

**Reviewed and Approved By:**

Andrew Canale For Shanna Nish
Project Manager
Shanna.Nish@microbac.com
08/17/2017 09:06