

MVWA WATER QUALITY LABORATORY

One Kennedy Plaza
Utica, NY 13502

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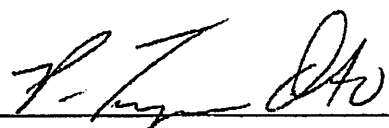


Quality water... for life.

Laboratory Analysis Report

The Water Quality Laboratory of the Mohawk Valley Water Authority warrants, to the best of its knowledge and belief, the accuracy of the analytical test results contained in this report, but makes no other warranty, expressed or implied, especially no warranties of merchantability or fitness for a particular purpose. By the Client's acceptance and/or use of this report, the Client agrees that MVWA is hereby released from any and all liabilities, claims, damages or causes of action affecting or which may affect the Client as regards to the results contained in this report. The Client further agrees that the only remedy available to the Client in the event of proven non-conformity with the above warranty shall be for MVWA to re-perform the analytical test(s) at no charge to the Client. The data contained in this report are for the exclusive use of the Client to whom it is addressed, and the release of these data to any other party, or the use of the name, trademark or service mark of MVWA especially for the use of advertising to the general public, is strictly prohibited without express prior written consent of MVWA.

**** This sample was subcontracted to ALS Laboratories, Rochester, NY. ELAP #: 10145****

This report was reviewed by:  Date: 5.21.18
Philip Tangorra, QA Officer

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Analysis performed at:
New York State NELAP Laboratory No. 10319 and Pennsylvania State NELAP Laboratory No. 68-03428

MEMBER OF:
American Water Works Association (AWWA) • Water Research Foundation • NYAAEL

Tel: (315) 792-0301
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PAID
MAY 09 2018

REQUEST FOR LEAD AND COPPER TEST

Page 2 of 4

Name: Marion Walker Phone # _____ Fax # _____

Client Address: _____

Client E-mail: _____

Sample Address (if different): Frieda's Way Fort Plain NY (Vacant Lot 1 of)

Sample Point: Spring Sample Date: 5/9/18 Sample Time: 12:44 PM
(e.g. kitchen sink, bathroom faucet)

Send report via: Mail E-mail Fax Pick-up

Send to: _____

Required by NYS Health Dept.? Yes No PWS#: _____

Sampler's signature: [Signature]

(FOR LAB USE ONLY - TEST RESULTS RELATE ONLY TO THE SAMPLE AS IT WAS RECEIVED BY THE LABORATORY)

- o Date Received 5/9/18 Time Received 1:30 Initials [Signature]
- o Sample Preservation Y N Type _____
- o Minimum Sample Volume Requirement Met Y N
- o Sample Chilled Upon Lab Receipt Y N
- o Date Sent to Lab 5/11/18 Initials DR
- o Date Report Received 5-18-18 Initials (PT)
- o Date Resulted 5-21-18 Initials (PT)
- o Date Reported to Client 5-21-18 Initials (PT)

LABORATORY RESULTS

Total Lead <1.0 ug/L or ppb Method EPA 200.8
 Total Copper 1.5 ug/L or ppb Method EPA 200.8
 Other (record units) _____ Method _____

Mohawk Valley Water Authority
 Telephone (315) 792-0301 • One Kennedy Plaza • Utica, NY 13502 • FAX (315) 792-5201
 USEPA ID#: NY01505 New York State ELAP ID#: 10319 Pennsylvania DEP ID#: 68-03428



TEST EXPLANATIONS FOR LEAD AND COPPER ANALYSIS

TEST EXPLANATIONS FOR LEAD AND COPPER ANALYSIS

The U.S. Environmental Protection Agency (USEPA) enacted the Lead and Copper Rule in 1991 to provide human protection by reducing lead and copper levels in drinking water at the consumer's tap. The Rule set the following action levels:

- The USEPA **Lead** Action Level is **15 µg/L (ppb)**, or 15 parts per billion (ppb). The results listed on your report are reported as **µg/L (ppb)**.
- The USEPA **Copper** Action Level is 1.3 mg/L or 1.3 parts per million (ppm) is equal to **1,300 µg/L** or 1,300 parts per billion (ppb). The results listed on your report are reported as **µg/L (ppb)**.
- Samples have been subcontracted out to an approved laboratory for analysis.

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 high 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. Lead is found in some toys, some playground equipment, some children's metal jewelry, and some traditional pottery. 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. If you are concerned about lead exposure, parents should ask their health care providers about testing children for high levels of lead in the 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 to flush lead from interior plumbing or until it becomes cold or reaches a steady temperature before using it for drinking or cooking.
- **Use cold water for cooking and preparing baby formula.**
- **Do not boil water to remove lead.**
- **Look for alternative sources or treatment of water** (such as bottled water or water filters).
- **Re-test your water for lead periodically.**
- **Identify and replace plumbing fixtures containing lead.**

For More Information

Please call us at the phone number noted above (315-792-0301). For more information on reducing lead exposure around your home and the health effects of lead, visit EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

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Analytical Report

Client: Mohawk Valley Water Authority
Project: Drinking Water
Sample Matrix: Drinking Water

Sample Name: Friede's Way Ft Plain
Lab Code: R1804386-002

Service Request: R1804386
Date Collected: 05/09/18 12:44
Date Received: 05/14/18 13:15

Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Copper, Total	200.8	1.5	ug/L	1.0	1	05/16/18 17:14	
Lead, Total	200.8	1.0 U	ug/L	1.0	1	05/16/18 17:14	