*Consecutive System AWQR Cover Letter for 2020*
*Hydman Heights Water System*
*(Public Water Supply ID# NY #3503638 )*
*110 Bracken Rd.*
*Montgomery, NY 12549*

## INTRODUCTION

To comply with State regulations the Hydman Heights Water System will be issuing a report annually that describes the quality of your drinking water. The purpose of this report is to raise your understanding of drinking water and awareness of the need to protect our drinking water sources.

Your system, the Hyndman Heights Water System, purchases its water from the Village of Montgomery. A full copy of the Village of Montgomery's Annual Water Quality Report is attached.

Last year, your tap water met all State drinking water health standards. We are proud to report that our system did not violate a maximum contaminant level or any other water quality standard.

This report provides an overview of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to State standards.

If you have any questions about this report or concerning your drinking water, please contact Jim Farr, P.E., Town Engineer and Water Operator at (845) 457-2640. We want you to be informed about your drinking water and encourage you to call to discuss any drinking water issues. You may also contact the EPA's Safe Drinking Water Hotline (800-426-4791) or the Orange County Department of Health at 845-291-2331.

## WHERE DOES OUR WATER COME FROM?

Our water system serves approximately 50 people. We purchase your water from the Village of Montgomery Water System See their report, attached, for more details on the water source, treatment provided and their test results.

## ARE THERE CONTAMINANTS IN OUR DRINKING WATER?

As the State regulations require, we routinely test your drinking water for: asbestos, total coliform, lead, copper, total trihalomethanes, and five haloacetic acids. The table presented below depicts which compounds we detected in your drinking water. The water supplier conducts more extensive testing; results of their testing are included in their report, which is attached.

**Table of Detected Contaminants**

| Contaminant | Violation Yes/No | Date of Sample | Level Detected (Avg/Max) (Range) | Unit Measure-ment | MCLG | Regulatory Limit (MCL, TT or AL) | Likely Source of Contamination |
|---|---|---|---|---|---|---|---|
| Total Trihalomethanes (TTHMs) | No | 8/8/18 | 34 | ug/l | N/A | MCL = 80 | Byproduct of drinking water disinfection |
| Five Haloacetic Acids (HAA5) | No | 8/8/18 | 13.5 | ug/l | N/A | MCL = 60 | |
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**Definitions:**
***Maximum Contaminant Level*** (MCL): The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible.
***Maximum Contaminant Level Goal*** (MCLG): 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.
***Micrograms per liter*** (ug/l): Corresponds to one part of liquid in one billion parts of liquid (parts per billion - ppb).

## WHAT DOES THIS INFORMATION MEAN?

As you can see by the table, our system had no violations. We have learned through our testing that some contaminants have been detected; however, these contaminants were detected below the level allowed by the State.

## IS OUR WATER SYSTEM MEETING OTHER RULES THAT GOVERN OPERATIONS?

During 2020, our system was in compliance with applicable State drinking water operating, monitoring and reporting requirements.

**Thank you** for allowing us to continue to provide your family with quality drinking water this year. In order to maintain a safe and dependable water supply we sometimes need to make improvements that will benefit all of our customers. The costs of these improvements may be reflected in the rate structure. Rate adjustments may be necessary in order to address these improvements. We ask that all our customers help us protect our water sources, which are the heart of our community. Please call our office if you have questions.

# ATTACHMENT: WATER WHOLESALER'S AWQR

April 2021

Annual Drinking Water Quality Report for 2020
Village of Montgomery Water System
133 Clinton Street, Montgomery, NY
(Federal ID 3503542)

Testing of our water supply system is done to be sure the drinking water that the Village of Montgomery delivers to your home or business remains safe.

The NYS DOH has completed a source water assessment for this system based on available information. Possible and actual threats to the drinking water source were evaluated. The state source water assessment includes a susceptibility rating based on the risk posed by each potential source of contamination and how easily contaminants can move through the subsurface to the wells. The susceptibility rating is an estimate of the potential for contamination of the source water, it does not mean that the water delivered to consumers is or will become contaminated. See "Table of Detected Contaminants" for a list of the contaminants that have been detected. The source water assessments provide resource managers with additional information for protecting source waters into the future.

As mentioned before, our water is derived from seven drilled wells. The source water assessment has rated these wells as having a medium to high susceptibility to microbials, nitrates, industrial solvents, and other industrial contaminants. These ratings are due primarily to the close proximity of a SPDES permitted discharge facility (industrial/commercial facilities that discharge wastewater into the environment and are regulated by the state and/federal government), the low-level residential activity and the pasture that is located in the assessment area. In addition, the wells draw from fractured bedrock and various aquifers and the overlying soils may not provide adequate protection from potential contamination. While the source water assessment rates our wells as being susceptible to microbials, please note that our water is disinfected to ensure that the finished water delivered into your home meets New York State's drinking water standards for microbial contamination. A copy of the assessment, including a map of the assessment area, can be obtained by contacting us, as noted in this report.

To comply with State and Federal regulations, the Village of Montgomery will be annually issuing a report describing the quality of your drinking water. The purpose of this report is to raise your understanding of drinking water and awareness of the need to protect our drinking water sources. Last year, your tap water met all state drinking water health standards. This report provides an overview of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to State standards.

If you have any questions about this report or concerning your drinking water, please contact Department of Public Works Superintendent Ralph Nelson at 457-5321. We want you to be informed about your drinking water. If you want to learn more, please attend any of our regularly scheduled Village Board meetings. The meetings are held the 1st and 3rd Tuesday of each month at 133 Clinton St., Montgomery, NY.

Ralph Nelson
Superintendent of Public Works

# Table of Detected Contaminants

| Contaminant | Violation Yes/No | Date Of Sample | Level Detected | Unit of Measure | MCLG | Regulatory Limit (MCL-TT or AL) | Likely Source of Contamination |
|---|---|---|---|---|---|---|---|
| Lead | No | June/July/ August 2019 | 90th = 12<br>Range = 1 - 26 | ug/l | 0 | AL = 15 | Corrosion of household plumbing systems |
| Copper | No | June/July/ August 2019 | 90th = 0.35<br>Range = .040 - .710 | mg/l | 1.3 | AL = 1.3 | Corrosion of household plumbing systems |
| Nitrate | No | July 1, 2020 | average = 1.69<br>range= 0.11 - 4.1 | mg/l | 10 mg/l | 10 mg/l | Run-off from fertilizer use |
| Total Trihalomethanes | No | August 12, 2020 | 63 | ug/l | N/A | 80 ug/l | By-product of drinking water chlorination needed to kill harmful organisms. TTHs are formed when source water contains large amounts organic matter. |
| Haloacetic Acid | No | August 12, 2020 | 24.0 | ug/l | N/A | 60 ug/l | Formed when source water contains large amounts of organic matter |
| Nickel | No | August 15, 2018 | Average = 2.40<br>Range = 1.9 - 2.8 | ug/l | N/A | 100 | Naturally occuring |
| Barium | No | August 15, 2018 | Average = 89<br>Range = 37-160 | ug/l | 2,000 | 2,000 | Naturally occuring |
| Sodium | No | July 7, 2020 | Average = 66<br>Range = 31 - 88 | mg/L | N/A | See Note 1 | Road Salt |
| Manganese | No | Apr, May, Dec 2015 | Average = 97<br>Range = 44 - 200 | ug/l | N/A | 300<br>See Note 2 | Naturally occuring |
| Perflurooctanoic Acid (PFOA) | No | November 9, 2020 | Average = 1.14<br>Range = 0.613 - 1.66 | ng/l | N/A | 10 | released into the environment from widespread use in commercial and industrial applications |
| Perfluorooctane sulfonic acid (PFOS) | No | November 9, 2020 | Average = 0.68<br>Range = 0.506 - 0.865 | ng/l | N/A | 10 | released into the environment from widespread use in commercial and industrial applications |

**Note 1**: Water containing more than 20 mg/l of sodium should not be used for drinking by people on severely restricted sodium diets.

Water containing more than 270 mg/l of sodium should not be used for drinking by people on moderately restricted diets.