

# ***Annual Drinking Water Quality Report for 2025***

## ***Thunderbird Greens Mobile Home Park***

### ***391 Sing Sing Road Horseheads, NY 14845***

#### ***Public Water Supply ID# NY0716017***

#### **Introduction**

To comply with State regulations, Thunderbird Greens Mobile Home Park 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. 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 **Dean Wenzel**, Water Operator, (607) 426-8975 or the Chemung County Health Department, (607) 737-2019.

#### **Where does our water come from?**

In general, the sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activities. Contaminants that may be present in source water include: microbial contaminants; inorganic contaminants; pesticides and herbicides; organic chemical contaminants; and radioactive contaminants. In order to ensure that tap water is safe to drink, the State and the EPA prescribe regulations which limit the amount of certain contaminants in water provided by public water systems. The State Health Department's and the FDA's regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Our water system serves approximately 150 people through 75 service connections. Our water sources are two 50-ft deep wells located in the park. The water is chlorinated prior to distribution to your home. During 2025 our system did not experience any restriction of our water source.

#### **Source Water Assessment**

The NYS DOH has completed a source water assessment for this system, based on available information. Possible and actual threats to this 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 section "Are there contaminants in our drinking water?" 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. Water suppliers and county and state health departments will use this information to direct future source water protection activities. These may include water quality monitoring, resource management, planning, and education programs. For further information regarding this report, please contact the NYSDOH at (607) 324-8371.

As mentioned before, our water is derived from 2 drilled wells. The source water assessment has rated these wells as having a medium susceptibility to microbials. This rating is due primarily to the close proximity of low intensity residential use and agricultural land in relation to the wells. In addition, the wells draw from a confined aquifer with an estimated recharge area within a selected time of travel. Please note that, while the source water assessment rates our wells as being susceptible to microbials, our water is disinfected to ensure that the finished water delivered into your home meets the New York State drinking water standards for microbial contamination.

A copy of this assessment, including a map of the assessment area, can be obtained by contacting us.

### Are there contaminants in our drinking water?

As the State regulations require, we routinely test your drinking water for numerous contaminants. These contaminants include: total coliform, turbidity, inorganic compounds, nitrate, nitrite, lead and copper, volatile organic compounds, total trihalomethanes and synthetic organic compounds. The table presented below depicts which compounds were detected in your drinking water. The State allows us to test for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though representative, are more than one year old.

It should be noted that all drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline (800-426-4791) or the Chemung County Health Department at (607) 737-2019.

#### Contaminants Detected in 2025 (or most recent test)

| Contaminant                          | Violation Yes/No | Date of Sample | Level Detected (Avg/Max) (Range)                | Unit Measurement | MCLG    | Regulatory Limit (MCL, TT or AL) | Likely Source of Contamination                                                                                                                            |
|--------------------------------------|------------------|----------------|-------------------------------------------------|------------------|---------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chlorine Residual                    | No               | Monthly        | Average: 0.8<br>Range: 0.8 – .62                | mg/L             | MRDLG 4 | MRDL 4                           | Disinfectant necessary to control microbes                                                                                                                |
| Barium                               | No               | 05/2025        | 0.13                                            | mg/l             | 2       | 2                                | Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.                                                               |
| Nitrate                              | No               | 12/2025        | 1.2                                             | mg/l             | 10      | 10                               | Runoff from fertilizer use; Leaching from septic tanks, sewage pipes                                                                                      |
| Copper<br>5 Samples<br><b>Note 1</b> | No               | 09/2024        | 90 <sup>th</sup> % =0.043<br>Range: 0.01 - 0.06 | mg/L             | 1.3     | 1.3 (AL)                         | Corrosion of household piping and plumbing fixtures                                                                                                       |
| Lead<br>5 Samples<br><b>Note 1</b>   | No               | 09/2024        | 90 <sup>th</sup> % =0.001<br>All ND             | ug/L             | 0       | 15 (AL)                          | Corrosion of household plumbing Corrosion of household plumbing systems and service lines connecting building to water mains, erosion of natural deposits |
| Sodium                               | No               | 12/2025        | 17                                              | mg/L             | N/A     | <b>Note 2</b>                    | Erosion of natural deposits. Use of road salt, septic systems                                                                                             |
| Total Haloacetic Acids (HAA5)        | No               | 08/2023        | 2.3                                             | ug/L             | N/A     | 60ppb                            | By-product of drinking water chlorination.                                                                                                                |
| Total Trihalomethanes (TTHM)         | No               | 08/2023        | 7.9                                             | ug/L             | N/A     | 80ppb                            | By-product of drinking water chlorination.                                                                                                                |

**Note 1:** The number reported for both Lead & Copper results is the average of the highest 2 of the 5 samples tested. None of the samples exceeded the State's (AL) action level for Lead or Copper.

**Note 2:** 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 sodium diets.

### **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.

**Maximum Residual Disinfectant Level (MRDL):** The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

**Maximum Residual Disinfectant Level Goal (MRDLG):** The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contamination.

**Action Level (AL):** The concentration of a contaminant, which, if exceeded, triggers treatment or other requirements, which a water system must follow.

**Non-Detects (ND):** Laboratory analysis indicates that the constituent is not present.

**Milligrams per liter (mg/l):** Corresponds to one part of liquid in one million parts of liquid (parts per million - ppm).

**Micrograms per liter (ug/l):** Corresponds to one part of liquid in one billion parts of liquid (parts per billion - ppb).

**Not Applicable (N/A)**

### **What does this information mean?**

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?**

In 2025, our system was cited by the Health Department for failing to collect a required coliform sample in November. The violation was closed after the scheduled sample was collected and analyzed the next month.

### **Do I Need to Take Special Precautions?**

Some people may be more vulnerable to disease causing microorganisms or pathogens in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice from their health care provider about their drinking water. EPA/CDC guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium*, *Giardia* and other microbial pathogens are available from the Safe Drinking Water Hotline (800-426-4791).

### **Lead Educational Statement:**

Lead can cause serious health effects in people of all ages, especially pregnant people, infants (both formula-fed and breastfed), and young children. Lead in drinking water is primarily from materials and parts used in service lines and in home plumbing. Thunderbird Greens MHP water supply is responsible for providing high quality drinking water

and removing lead pipes but cannot control the variety of materials used in the plumbing in your home. Because lead levels may vary over time, lead exposure is possible even when your tap sampling results do not detect lead at one point in time. You can help protect yourself and your family by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Using a filter, certified by an American National Standards Institute accredited certifier to reduce lead, is effective in reducing lead exposures. Follow the instructions provided with the filter to ensure the filter is used properly. Use only cold water for drinking, cooking, and making baby formula. Boiling water does not remove lead from water. Before using tap water for drinking, cooking, or making baby formula, flush your pipes for several minutes. You can do this by running your tap, taking a shower, doing laundry or a load of dishes. If you have a lead service line or galvanized requiring replacement service line, you may need to flush your pipes for a longer period. If you are concerned about lead in your water and wish to have your water tested, contact Water Operator, Dean Wenzel, at 607-426-8975. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at <https://www.epa.gov/safewater/lead>.

A Lead Service Line (LSL) is defined as any portion of pipe that is made of lead which connects the water main to the building inlet. An LSL may be owned by the water system, owned by the property owner, or both. The inventory includes both potable and non-potable SLs within a system. In accordance with the federal Lead and Copper Rule Revisions (LCRR) our system has prepared a lead service line inventory and have made it publicly accessible by contacting Thunderbird Greens MHP at 631-371-3365.

### **How can I help save water?**

Although our system has an adequate amount of water to meet present and future demands, there are a number of reasons why it is important to conserve water:

- Saving water saves energy and some of the costs associated with both of these necessities of life;
- Saving water reduces the cost of energy required to pump water and the need to construct costly new wells, pumping systems and water towers; and
- Saving water lessens the strain on the water system during a dry spell or drought, helping to avoid severe water use restrictions so that essential firefighting needs are met.

You can play a role in conserving water by becoming conscious of the amount of water your household is using, and by looking for ways to use less whenever you can. It is not hard to conserve water.

Conservation tips include:

- Check every faucet in your home for leaks. Just a slow drip can waste 15 to 20 gallons a day. Fix it up and you can save almost 6,000 gallons per year.
- Check your toilets for leaks by putting a few drops of food coloring in the tank, watch for a few minutes to see if the color shows up in the bowl. It is not uncommon to lose up to 100 gallons a day from one of these otherwise invisible toilet leaks. Fix it and you save more than 30,000 gallons a year.

### **Closing**

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 dependents. The costs of these improvements are absorbed totally by us, the water Suppliers, so your patience with implementing any required changes is appreciated. We ask that all our dependents help us protect our water sources, which are the heart of our community, our way of life and our children's future.

Please call me if you have any questions.

Dean Wenzel

*Dean Wenzel*

Water Operator