

Annual Drinking Water Quality Report for 2017
Pine Valley Mobile Homes
3597 Watkins Road
Pine Valley, NY 14872
Public Water Supply ID# NY0700781

INTRODUCTION:

To comply with State regulations, Pine Valley 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 has never violated 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 our drinking water, please contact Edward Stone, owner, at (607) 739-2732 or Chemung Health Department at (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 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 source is groundwater supplied through four wells in the park. The East and West water systems are not interconnected, so are tested and operated independently. We have installed chlorination equipment at the West Park and East Park for disinfection and to reduce the iron content. We maintain the proper level of disinfection against microbial contaminants as determined by our chlorine residual sample results that fall within the acceptable range of 0.1 mg/L to 1.0 mg/L with an average of 0.4 mg/L. Our water system serves 90 people through 50 service connections. Our water wells contain a small amount of natural gas (methane) and iron, which is common in the Pine Valley area. Natural gas and iron have no significant health effects.

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.

- As mentioned before, our water is derived from 4 drilled wells. The source water assessment has rated these wells as having a high to very-high susceptibility to microbials, nitrates, metals, industrial solvents and other industrial contaminants. These ratings are due primarily to the close proximity of a permitted discharge facility (industrial/commercial facilities that discharge wastewater into the environment and are regulated by the state and/or federal government); transportation route and low intensity residential use in relation to the wells. In addition, the wells draw from an unconfined aquifer of unknown hydraulic conductivity that doesn't provide protection from potential contamination. Please note that, while the source water assessment rates our wells as being susceptible to microbials, 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 (sampled monthly), inorganic compounds, nitrate, nitrite, lead and copper, volatile organic compounds, and synthetic organic compounds (pesticides, etc.) The table 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, might 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 737-2019.

| Pine Valley MHP West Park | | Contaminants Detected in 2017 (or most recent test) | | | | | |
|-------------------------------|------------------|---|--|------------------|------|----------------------------|---|
| Contaminant | Violation Yes/No | Date of Sample | Level Detected | Unit Measurement | MCLG | Regulatory Limit (MCL, AL) | Likely Source of Contamination |
| Alpha Emitters | No | 12/2013 | 4.0 | pCi/L | 0 | 15 | Erosion of natural deposits |
| Barium | No | 10/2016 | 1.2 | mg/L | 2 | 2 | Erosion of natural deposits |
| Copper 5 samples Note 1 | No | 09/2014 | 90 th % = 0.4 Range: 0.09 – 0.5 | mg/L | N/A | AL = 1.3 | Corrosion of household plumbing system. |

| | | | | | | | |
|---|---------------------|---------|---|------|-----|-----------------------------|---|
| Lead 5 samples Note 1 | No | 09/2014 | 90 th % = 3.3 Range: 0.9 – 3.6 | ug/L | 0 | AL = 15 | Corrosion of household plumbing system. |
| Fluoride | No | 10/2016 | 0.3 | mg/L | 2.2 | 2.2 | Erosion of natural deposits |
| Iron | No Note 3 | 07/2016 | 839 | ug/L | N/A | 300 | Erosion of natural deposits |
| Sodium | No | 07/2016 | 68 | mg/L | N/A | N/A Note 2 | Erosion of natural deposits, road salt |
| Total Haloacetic Acids | No | 08/2016 | 1.4 | ug/L | N/A | 60 | By-product of drinking water chlorination |
| Total Trihalomethanes | No | 08/2016 | 2.4 | ug/L | n/A | 80 | |

Note 1: The 90th percentile means the average of the highest 2 of the 5 samples tested. In the 2014 test round, none of the samples exceeded the Action Level for Copper or Lead.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women, infants, and young children. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home's plumbing. Pine Valley MHP is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline (1-800-426-4791) or at <http://www.epa.gov/safewater/lead>.

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

Note 3: The State allows us to exceed the Maximum Contaminant Level because this level of iron is not harmful to your health even though it can cause staining of sinks and laundry.

| Pine Valley MHP East Park | | Contaminants Detected in 2017 (or most recent test) | | | | | |
|---|------------------|---|---|------------------|------|----------------------------|---|
| Contaminant | Violation Yes/No | Date of Sample | Level Detected | Unit Measurement | MCLG | Regulatory Limit (MCL, AL) | Likely Source of Contamination |
| Barium | No | 07/2015 | 0.95 | mg/L | 2 | 2 | Erosion of natural deposits |
| Copper 5 samples Note 1 | No | 09/2014 | 90 th % = 0.73 Range: 0.2 – 0.85 | mg/L | N/A | AL = 1.3 | Corrosion of household plumbing system. |
| Lead 5 samples Note 1 | No | 09/2014 | 90 th % = 1.9 Range: 0.5 – 2.1 | ug/L | 0 | AL = 15 | Corrosion of household plumbing system. |
| Fluoride | No | 07/2015 | 0.3 | mg/L | 2.2 | 2.2 | Erosion of natural deposits |

| | | | | | | | |
|------------------------|---------------------|---------|-----|------|-----|----------------------|---|
| Iron | No Note 3 | 07/2016 | 371 | mg/L | N/A | 300 | Erosion of natural deposits |
| Sodium | No | 07/2016 | 51 | mg/L | N/A | N/A Note 2 | Erosion of natural deposits, use of road salt |
| Total Haloacetic Acids | N | 08/2016 | 1.1 | ug/L | NA | 60 | By-product of drinking water chlorination |
| Total Trihalomethanes | N | 08/2016 | 3.4 | ug/L | NA | 80 | By-product of drinking water chlorination |

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Definitions used in the table:

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.

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).

Picocuries per liter (pCi/L): Picocuries per liter is a measure of the radioactivity in water.

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

Not Applicable (N/A)

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 New York State.

Is our water system meeting other rules that govern operations?

During 2017, our East Side and West Side systems were in compliance with applicable State drinking water operating, monitoring and reporting requirements.

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).

Water Conservation

Please remember our water wells have limited capacity. Help protect our water supply by avoiding waste. Do full loads in the laundry and dishwasher. Repair leaks immediately. A single leaky toilet valve can waste more than a thousand gallons each day.

Again, if you have any questions about this report or your water quality, please feel free to contact me.

Sincerely yours,
Edward Stone
Owner