

# VILLAGE OF ANGOLA ANNUAL WATER QUALITY REPORT for 2007

## For Residents of the Village of Angola and the Angola Retail Water District Area This Report Contains Important Information About Your Drinking Water

### *Introduction*

The United States Environmental Protection Agency, New York State Department of Health, Erie County Department of Health, and The Village of Angola Board of Trustees feel that water customers have the right to know what is in their drinking water and where that drinking water source originates.

Educated consumers are more likely to help protect drinking water sources and to understand the true value as well as associated costs of safe drinking water. **Consumer confidence reports** intentionally encourage water consumers to consider the challenges of delivering high quality potable drinking water with adequate pressure in sufficient quantities to meet demands.

### *Explanation of Consumer Confidence Report*

In 1996 the United States Congress amended the Safe Drinking Water Act. It added a provision requiring that every community water system that has at least 15 service connections serving year round residents must prepare and distribute an annual water quality report to their customers. These systems typically include cities, towns, villages, and mobile home parks that own and operate a water system.

**Consumer Confidence reports** summarize information that our water utility collects to comply with regulations. Included in this report is information on our source of water, levels of any detected contaminants, compliance with drinking water rules, water pipeline systems, water storage facilities and service personnel.

### *About Your Water*

The Village of Angola's water system serves about 4050 people through some 1400 individual customer connections, several businesses and two manufacturing firms. The system is owned by the Village and operated by full-time employees who have proper grade Water Operator Licenses issued by the NYS Health Department. This report covers the calendar year 2007, during which time the Chief Operator was Jeffrey Kaminski and the Assistant Operator/Water Distribution Person was Jack Krajacic.

The source of our water supply for residents within the Village of Angola and in the Angola retail water district boundaries is Lake Erie. The Village purchases the water from the Erie County Water Authority. The water is processed at either one of their two water facilities, namely the Sturgeon Point Treatment Plant in the Town of Evans or the Authorities Van Dewater Treatment Plant in the Town of Tonawanda. Water purchased by the Village from the Erie County Water Authority is taken from the large Inner-Community Transmission Line at Erie Road and Commercial Street and Erie Road at Lake Street. There are also two automatic pressure controlled inner-connections that have been added to the system so that water can be taken into the Village system from Town of Evans lines. The inner-connections are located on North Main Street at Beverly Drive and on Beach Road where the Angola retail district abuts a Town of Evans water district close to the base of the hill on Beach Road. Water is pumped through the Village Water Tower and the distribution system by pressure provided by the Erie County Water Authority.

The Village of Angola, using funds from a Community Development Block Grant – Federal HUD money – Housing and Urban Development funding through Erie County, in 2007 installed a new 8" waterline, several new valves, and new fire hydrants, for water quality, pressure, health and safety improvements, on School and Maple Streets. The new line connects a new line on Center Street to the older line on Maple Street to improve pressure, circulation and fire flows. This project was completed during the summer of 2007.

Security and emergency response planning have always been an important part of managing a drinking water system. Recent events have made homeland security a national priority. The Village of Angola has received approval from the State Department of Health for our completed/revised Emergency Response Plan. The Village Board asks that anyone living near any of the Village's water facilities, including the water tower, and the various meter pits, to be aware of who is entering these facilities. All Village-owned equipment is marked as such and Village employees all carry identification. Any suspicious persons or vehicles should be reported to the Police by dialing 911, or calling directly to 549-3600. The 500,000 gallon 150 foot high water tower that was constructed off Commercial Street in the late 1990's holds the communities required 24-hour supply of water and helps to pressurize the entire Village distribution system.

During the calendar year 2007, 152,868,000 gallons of water was purchased. This is an average consumption of 418,816 gallons per day throughout the year. Peak daily consumption during hot weather months amounted to 444,868 gallons per day.

## ***Water Conservation***

### **The Bathroom**

The bathroom consumes 75% of our water usage. Controlling this flow is the key to big water and energy savings. Consider installing a low-flow showerhead that uses less than 3 gallons per minute. You may need to experiment to find one you really like, but this \$10-\$20 investment can help you save over time. Toilet tank leaks can also waste an enormous amount of water. A toilet that runs excessively after the tank has filled is wasting water and you may not even notice it is happening. If remodeling your bathroom, consider replacing old toilets, which require 5-6 gallons of water per flush, with a new one, which uses only 1.5 gallons per flush. This can drastically reduce bathroom water use. You can test the toilet tank valve by placing a few drops of food coloring in the full tank and watch to see if the color goes into the toilet bowl while the unit is not in use.

### **Outdoor Use**

Watering lawns, gardens, and vehicle washing during the summer nearly doubles household water consumption at a time of year when streams are beginning to run dry. Water wells and springs are also influenced by the lack of rain in the summer months.

- Water the grass only when it needs it. If it springs up after you walk on it, the grass is OK and does not need watering.
- Soak grasses long enough for water to reach the roots. One good watering once a week is better than several light waterings.
- Water the lawn early in the morning or at dusk in order to minimize evaporation loss and do not water on windy days for the same reason.
- Keep grass about 2 inches high in the summer to help hold the moisture.
- Do not use sprinklers that spray a fine mist — they waste a lot of water through evaporation.

**Don't take water for granted** — good, clean drinking water is a precious commodity and should not be wasted.

## ***Water Testing***

The Village of Angola Water Department, the Erie County Water Authority, and the Erie County Health Department routinely monitors for constituents in your drinking water according to Federal and State laws. The table included with this report shows the results of our monitoring for the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2006. We are pleased to report that our drinking water is safe and meets Federal and State requirements. All drinking water, including bottled drinking water, may be expected to contain at least small amounts of some constituents. It is important to remember that the presence of these constituents does not necessarily pose a health risk. More information about contaminants and potential health effects can be obtained by calling the **Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791**.

We are proud that your drinking water exceeds all Federal and State requirements. Through our monitoring and testing, we have learned that some constituents have been detected in our drinking water, all of which are shown in the Table. We had no Federal or State health code violations this year. The EPA, State, and local health departments have determined that your water IS SAFE at these levels.

Some people may be more vulnerable to contaminants 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 about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbiological contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

If you have any questions about this report or concerning your water utility, please contact the Village of Angola office at (716) 549-1126 during normal business hours: 9:00 AM to 5:00 PM, Monday through Friday. If you want to learn more, please attend a regularly scheduled Village Board meeting. They are held on the second Monday of every month at 7:00 PM in the Village Hall at 41 Commercial Street in Angola.

May 20, 2008

Village of Angola Board of Trustees