Annual Drinking Water Quality Report for 2019 Village of Port Byron 52 Utica Street, Port Byron, New York 13140 Public Water Supply ID# 0501722

INTRODUCTION

To comply with State and Federal regulations, the Village of Port Byron 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. In 2019, the City of Auburn water filtration plant conducted testing for over 100 contaminants. Testing resulted in the detection of several contaminants, however, none of the contaminants were found at a level above the threshold set forth by the New York State Department of Health. 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 Mr. Steven E. Sims, Superintendent of Public Works, at (315) 776-5704. 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 second and fourth Monday of each month at 7:00 PM at the Municipal Building, 52 Utica Street, Port Byron, New York.

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, 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 New York State Department of Health (NYSDOH) and the Environmental Protection Agency (EPA) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. The NYSDOH and the United States Food and Drug Administration's (FDA) regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

The City of Auburn's water source is Owasco Lake, a surface water source. The City draws its water through a single 30-inch intake line that extends over 1,800 feet into the lake. The intake structure is a submerged concrete crib. The City's allowable withdrawal from Owasco Lake is 15 million gallons per day (mgd), as permitted by Water Resource Application #422 dated 10/3/63. The dependable yield is determined to be 48 mgd in a study conducted in 1995 by R & D Engineering, P.C., and Buffalo, New York. Dependable yield, sometimes called safe yield, is the amount of water that can be continuously withdrawn from the source without ecological impact.

Owasco Lake is classified as a Class-AA Special water body designated by the New York State Department of Environmental Conservation (NYSDEC) as listed in 6 NYCRR Part 702. It is considered an excellent source of potable water, and must be protected. In an effort to maintain our source water quality, the City of Auburn actively participates and financially supports the Owasco Lake Watershed Inspection and Protection Division on an annual basis. The Watershed Inspection and Protection Division on an annual basis for Owasco Lake, promulgated by lay under NYCRR Section 1100 (Public Health).

The transmission main from the Upper Pumping Station to the Filtration Plant on Swift Street consists of approximately 8,800 feet of 24-inch cast-iron pipe. The first 400 feet of transmission main is a new 30-inch diameter pipe installed as part of the re-construction of the Owasco Lake Seawall Project, completed in 2001. The pipe size is increased to 36-inch at the point where it crosses over the Owasco Lake Outlet adjacent to the State Dam, and is reduced to 30 inches before entering the rapid-sand filtration plant.

The City presently operates two filtration plants: a slow-sand plant, and a rapid-sand plant, which function in parallel operation. The plants are located at the corner of Swift Street and Pulsifer Drive in Auburn. The slow-sand filtration plant was constructed in 1916-17. The plant contains 4 beds with a total capacity of about 7.5 MGD (million gallons per day). The beds consist of about 42 inches of sand supported by 12 inches of gravel. The rapid-sand filtration plant originally constructed in 1969 consists of 3 dual-media filters with a combined capacity of about 7.25 MGD. In the rapid-sand plant, all water is pre-treated with poly-aluminum chloride to facilitate coagulation and sedimentation and settling prior to filtration. All water is disinfected with Sodium Hypochlorite Solution prior to distribution. Reservoirs on Franklin Street and Swift Street maintain reserves of 10.25 million gallons (MG) and 3 MG, respectively. The Village also injects Sodium Hypochlorite at its control building located at 1 Crawford Drive, Port Byron, NY. The City also protects its raw water intake pipe from Zebra Mussels by adding a chemical solution of

Sodium Hypochlorite. The addition of Sodium Hypochlorite added at concentrations between 0.40 and 0.70 mg/L prevents adolescent zebra mussels from developing into adults which can attach to the inside of the intake pipe and restrict the City's ability to draw water from the lake. During the 2017 season, a Powdered Activated Carbon system was built at the Upper Pumping Station to help treat for microcystin, the toxin associated with Harmful Algae Blooms (HAB).

ARE THERE CONTAMINANTS IN OUR DRINKING WATER?

The City of Auburn routinely monitors for contaminants in your drinking water according to State and Federal laws. In addition, Port Byron tests your drinking water monthly for total coliform bacteria and monitors for lead and copper as required by regulation. As the State regulations require, the City of Auburn routinely tests drinking water for numerous contaminants. These contaminants include coliform, turbidity, inorganic compounds, nitrate, nitrite, lead and copper, volatile organic compounds, total trihalomenthanes, and synthetic organic compounds. The table presented below depicts which compounds were detected in your drinking water. The State allows the City 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, is more than one year old.

SUMMARY OF DETECTED CONTAMINANTS

It should be noted that all drinking water, including bottled drinking water, may be reasonably expected to contain 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 may be obtained by calling EPA's Safe Drinking Water Hotline at 1-800-426-4791 or the Cayuga County Health Department at 315-253-1405.

			ble of Detected C			1	
Contaminant	Violat ion	Date of Sample	Level Detected (Average)	Unit Measureme	MCLG	Regulatory Limit(Likely Source of Contamination
	o					AL	
PHYSICAL	No	5 days per	0.09 Avg.	NTU	N/A	5.0	Soil Runoff/Natural Lake
Turbidity ¹		week	Range			distribution	Turnover
			0.03 - 1.55			System	
PHYSICAL	No	7 days per	0.03 Avg.	NTU	N/A	0.3 - 1.0	Soil Runoff/Natural Lake
Turbidity		week	Range			MCL	Turnover
			0.01 - 0.13			Filter	
						Performance	
Total Coliform	No	2 per month	All <1	CFU/100m	0	>5%Samples	Naturally Present Environment
				L		4	
E. Coli	No	N/A	N/A	CFU/100m	N/A	1 or more	Human and Fecal Animal
				L		positive	Waste
						samples	
INORGANICS			INORGANICS				
Barium	No	2/20/19	0.020	PPM	2	2	Erosion of natural deposits
Chloride	No	3/23/17	24	PPM	N/A	250	Naturally Occurring
Chromium	No	4/17/18	0.0013	PPM	N/A	0.1	Erosion of natural deposits
Cyanide	No	2/20/19	0.013	PPM	N/A	0.2	Erosion of natural deposits
Nickel	No	2/20/19	0.00095	PPM	N/A	0.1	Erosion of natural deposits
Sulfate	No	3/23/17	12	PPM	N/A	250	Naturally Occurring
Sodium	No	2/20/19	16	PPM	N/A	No Limit	Naturally Occurring
Nitrate	No	2/21/19	1.125 Avg.	PPM	10	10.0 MCL	Erosion of natural deposits
		5/16/19	Range				
		8/15/19	1-1.2				
		11/2 <mark>0</mark> /19					
		-					

ORGANICS	No	2/12/19	74.35	PPB	N/A	80 MCL	Contained in Chlorinated
Trihalomethanes.		5/16/19	Avg. Range 51.5-		,		Water
Total		8/13/19	113.0				Water
i otai		11/12/19	115.0				
		11/12/19					
Haloacetic Acids	No	2/12/19	25.8 Avg. Range	PPB	N/A	60 MCL	Contained in Chlorinated
(HAA5)		5/16/19	25.5-26.4				Water
(11113)		8/13/19					
		11/12/19					
Lead	No	8/2018	1.1 Range N/D-2.3	ррb	0	AL-15	Contained in Finished Water,
							an artifact of old piping and
							lead soldered joints.
Copper	No	8/2018	0.051 Range	ppm	1.3	AL-1.3	Contained in Finished Water,
			0.015-0.058				an artifact of old piping and
							lead soldered joints.
Radioactive							
Contaminants							
Gross Alpha	No	4/16/15	7.15	PCi/L	0	15 PCi/L	Contained in soil or
							sedimentary rock formations
Gross Beta	No	4/16/15	ND	PCi/L	0	4 PCi/L	Contained in soil or
							sedimentary rock formations
Combined Radium	No	4/16/15	ND	PCi/L	0	5 PCi/L	Contained in soil or
226 228							sedimentary rock formations
Unregulated							
Contaminents							
Chromium	No	3/18/15	0.29,0.29	ррь	N/A	N/A	Naturally occurring element;
		6/18/15	0.095,0.17				used in making steel and other
							alloys;chromium -30r-6 forms
							are used for chrome plating,
							dyes and pigments, leather
							tanning, and wood peservation
Strontium	No	3/18/15	84.1, 86.6	ppb	N/A	N/A	Naturally occurring element;
		6/18/15	81.9, 80.5				historically, commercial use of
		12/17/15	85.5,82.3				strontium has been in the
							faceplate glass of cathode ray
							tube televisions to block x-ray
							emissions
Hexavalent	No	3/18/15	0.033	ppb	N/A	N/A	Naturally occurring element;
Chromium		6/18/15	0.048, 0.030			1	used in making steel and other
		12/17/15	0.043,0.031				alloys;chromium -30r-6 forms
						1	are used for chrome plating,
							dyes and pigments, leather
							tanning, and wood prservation
Vanadium	No	6/18/15	0.12,0.11	ppb	N/A	N/A	Naturally-occuring elemental
	110	0,10,10	0.12,0.11	PP ⁰	11/11	11/11	metal; used as vanadium
						1	pentoxide which is a chemical
						1	-
Chlorate	No	12/17/15	180 160	nph	N/A	N/A	intermediate and a catalyst
Chlorate	100	12/1//15	180,160	ррь	IN/A	IN/PA	Agricultural defoliant or desiccant:disinfection
						1	
						1	byproduct;and used in
D · 1		-10-1-0		1	3.7/ 4	NT/ 4	production of chlorine dioxide
Bromide	No	7/02/18	15	ррЬ	N/A	N/A	Naturally occurring.

		10/02/18	15				
TOC	No	7/02/18	3.88	ppm	N/A	N/A	Erosion of natural deposits.
		10/02/18	4.63				
Manganese	No	7/02/18	0.86	ррь	N/A	N/A	Naturally occurring.
		10/02/18	1.7				
Haloacetic Acids,	No	7/05/18	33.2	ррь	N/A	N/A	Contained in Chlorinated
(HAA9)		10/02/18	19.3				Water.
Haloacetic Acids,	No	7/05/18	4.9	ppb	N/A	N/A	Contained in Chlorinated
(HAA6Br)				11			Water.
Cyanotoxin							
Microcystin	No	7/31/19-	All <0.3	ppb	0	N/A ³	Naturally occurring due to
Finished Water		11/5/19					harmful algae blooms/
							cyanobacteria
Microcystin	N/A	7/31/19-	Range	ppb	N/A	N/A	Naturally occurring due to algae
Raw Water		11/5/19	<0.3- 0.81				blooms/ cyanobacteria
		30samples					

Notes:

1 – The level presented represents the 90th percentile of the 11 samples collected. In this case, 11 samples were collected at your water system and the 90th percentile value was the twenty-seventh highest value value, 1.1 ppb. The action level for lead was not exceeded at any one of the 11 sites.

2 – The level presented represents the 90th percentile of the 11 sites tested. A percentile is a value on a scale of 100 that indicates the percent of a distribution that is equal to or below it. The 90th percentile is equal to or greater than 90% of the copper values detected at your water system. In this case, 11 samples were collected at your water system and the 90th percentile value was the twenty-seventh highest value value, 0.051 mg/l. The action level for copper was not exceeded at any of the sites tested.

3- The United States Environmental Protection Agency 10-day health advisory level for microcystin is 0.3 ppb for children less than or equal to 5 years of age and vulnerable populations; and 1.6 ppb for all other people.

LEAD AND COPPER SUMMARY

Over the years, the village has conducted surveillance for lead and copper in the water system. Theoretically it is possible to leach the metal lead and copper from household structures with copper pipes and lead solder installed prior to 1982. The most recent round of testing conducted in 2018 revealed the data as indicated under **Table of Detected Contaminants**.

Definitions

<u>Level 1 Assessment:</u> A Level 1 assessment is a study of the water system to identify potential problems and determine, if possible, why total coliform bacteria have been found in our water system.

<u>Level 2 Assessment:</u> A level 2 assessment is a very detailed study of the water system to identify potential problems and determine, if possible, why an E. Coli violation has occurred and/or why total coliform bacteria have been found in their water system on multiple occasions.

<u>Maximum Contaminant Level (MCL)</u>: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible.

<u>Maximum Contaminant Level Goal (MCLG)</u>: 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.

<u>Maximum Residual Disinfection Level (MRDL)</u>: 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.

<u>Maximum Residual Disinfection Level Goal (MRDLG)</u>: 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.

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

<u>Treatment Technique (TT)</u>: A required process intended to reduce the level of a contaminant in drinking water. <u>Non-Detects (ND)</u>: Laboratory analysis indicates that the constituent is not present.

Nephelometric Turbidity Unit (NTU): A measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

<u>Colony Forming Units (CFU)</u>: A unit used to measure the number of viable bacteria cells.

<u>Milligrams per liter (mg/l)</u>: Corresponds to one part of liquid in one million parts of liquid (parts per million - ppm). <u>Micrograms per liter (ug/l)</u>: Corresponds to one part of liquid in one billion parts of liquid (parts per billion - ppb). <u>Picocuries per liter (pCi/L)</u>: A measure of the radioactivity in water.

Color: The presence of dissolved substances in water.

<u>Hardness</u>: A characteristic of water caused mainly by the salts of calcium and magnesium, such as bicarbonate, carbonate, sulfate, chloride and nitrate.

Inorganic chemicals: Materials such as sand, salt, iron, calcium salts, and other materials of mineral origin. **Odor threshold**: The minimum odor of a water sample that can just be detected after successive dilutions with odorless water.

WHAT DOES THIS INFORMATION MEAN?

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. The Village Of Port Byron 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.

Turbidity is a measure of the cloudiness of water. We monitor it because it is a good indicator of the effectiveness of our filtration system. Turbidity itself has no health effects. However, turbidity can interfere with disinfection and provide a medium for microbiological growth. Turbidity may indicate the presence of disease causing organisms. These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches. Please pay special attention to the additional statement in this document regarding Cryptosporidium and Giardia. Plant monitoring equipment has been updated and plant procedures have been modified to allow treatment of our water and keep it well within all regulatory requirements.

IS OUR WATER SYSTEM MEETING OTHER RULES THAT GOVERN OPERATIONS?

During 2019 our system was in compliance with all applicable State and Federal drinking water requirements.

INFORMATION ON CRYPTOSPORIDIUM & GIARDIA

New York State law requires water suppliers to notify their customers about the risks of Cryptosporidiosis and Giardiasis. Cryptosporidiosis and Giardiasis are intestinal illnesses caused by microscopic parasites. Cryptosporidiosis can be very serious for people with weak immune systems, those on chemotherapy, dialysis or transplant patients, as well as people with Crohn's disease or Human Immune Deficiency (HIV) infection. People with weakened immune systems should discuss with their health care providers the need to take extra precautions such as boiling water, using certified bottled water or a specially approved home filter. Individuals who think they may have Cryptosporidiosis or Giardiasis should contact their health care provider immediately. The City of Auburn began a two year testing program for Giardia and Cryptosporidium in October of 2016. Samples of our **raw water** were collected once a month during this two year period. Of the 24 samples collected during this period, one sample in April 2018 tested positive for Giardia. The rest of the samples collected in 2018 were negative for Giardia and Cryptosporidium.

For additional information on **Cryptosporidiosis** or **Giardiasis**, please contact the Cayuga County Health Department at 315-253-1405.

INFORMATION ON RADIOLOGICAL TESTING

Radiological Testing was performed by the City of Auburn in 2015. Regulatory limits are as listed on the table, and all testing was below limits. Testing will be due again in 2024.

Information on Unregulated Contaminants

The City of Auburn was required to test for the unregulated contaminants in 2015 and 2018. A list of the contaminants found are in the summary of detected contaminants section of this report.

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/Acquired Immune Deficiency Syndrome (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/Center for Disease Control and Prevention (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 1-800-426-4791.

WHY SAVE WATER AND HOW TO AVOID WASTING IT?

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 fire fighting 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:

1. Automatic dishwashers use 15 gallons for every cycle, regardless of how many dishes are loaded. So get a run for your money and load it to capacity.

2. Turn off the tap when brushing your teeth.

3. 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.

4. 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.

5. Use your water meter to detect hidden leaks. Simply turn off all taps and water using appliances, and then check the meter after 15 minutes. If it moved, you have a leak.

6. Retrofit plumbing fixtures.

7. Be more conscientious of water use.

System Improvements

The City of Auburn Department of Municipal Utilities continues to proactively develop and implement a capital improvement projects on a 5 year look ahead cycle. In addition to capital project planning, our Operators and Staff deploy multiple annual programmatic improvements to your water system infrastructure. The following list compiles recent capital and operational improvement projects:

1. We continue to use Poly Aluminum Chloride (PACI) for coagulation. By using PACI, we have enhanced the pretreatment of the water, reduced chemical handling costs and now produce 1/3 of the waste sludge by volume as in previous years.

2. We continue to improve our telemetry and Supervisory Control and Data Acquisition (SCADA) systems. Our SCADA system was recently upgraded to current industry standards in 2019. This allows our operations staff to keep a watchful eye on every water treatement process from our command center on a 24/7/365 basis.

3. Lagoon cleaning and improvement project completed in 2018. The lagoon system treats all filtered waste products prior to discharge of clean water back into the environment. The lagoon cleaning project is expected to restore full function of the treatment facility for the next 20+ years.

4. Complete, system-wide Distribution Mapping & GIS Integration project completed in 2018. The City now owns and uses a comprehensive mapping system of the entire water distribution system. This mapping allows staff to conduct hydraulic analysis on the system prior to implementation of a water main improvement project so resources are best spent on projects with the most beneficial systemwide impacts.

- 5. North St. water main replacement project completed in 2018.
- 6. Vulnerability Assessment done on SCADA system in 2017.
- 7. New Powdered Activated Carbon (PAC) system installed at Upper Pumping Station in 2017.
- 8. PAC storage system and upper pumping station improvements installed in 2019.
- 9. Reservoirs inspected in 2017.
- 10. Intake crib inspected in 2019.
- 11. Storage Pole Barn installed at Water Filtration Plant in 2017.
- 12. Lighting upgrade at Upper Pumping Station in 2017.
- 13. York St., Chase St. ext., Swift St., and Pulsifer Dr. water main upgrades and replacement in 2019.

FUTURE WORK-City of Auburn

Slow Sand Plant and Rapid Sand improvements in 2020. Zebra mussel control improvements in 2020. Dunning Ave. Water Main Replacement Project in 2020.

FREQUENTLY ASKED QUESTIONS & ANSWERS

What affects the taste of my water?

The taste of drinking water is affected by its mineral content as well as the presence of chlorine, which is used to protect against potential bacterial contamination. Sometimes plumbing can cause a metallic flavor, especially if water has been sitting in pipes for many hours. Taste, however, does not necessarily indicate a higher or lower degree of contamination. At times, when conditions are right, algae blooms occur in our lake sometimes causing objectionable odors and taste in the finished drinking water. Although algae are removed during the treatment process, some of their metabolites may be left behind. The two most common metabolites are geosmin and 2-methylisoborneal (MIB). Even though these compounds are harmless, the human sense of taste and smell are extremely sensitive to them and can detect them in water at concentrations as low as 5 parts per trillion. To give you an idea of what a "part per trillion" is, consider this – One part per trillion is equivalent to one drop of water diluted in 20 Olympic swimming pools.

What affects the way my water looks?

In addition to naturally occurring minerals, our water also includes small amounts of iron picked up from our castiron water mains. When a surge of pressure occurs, usually from a main break or a fire hydrant being used, the sediment becomes stirred into the water. During these episodes, the water supply to your home can be tinted yellow or even brownish-red. The iron is harmless and settles out again in a few hours. Please be aware that it will stain clothing, so don't wash your clothes if you experience iron-tinted water. Also, avoid running hot water at these times, if possible, so that your water heater doesn't refill with iron tinted water.

Do I really need to buy a Water Filter or Home Treatment System?

The decision to buy water filters or home treatment systems is yours. Our water meets and exceeds rigid State and Federal Standards. If you decide to buy a filter system, be a smart shopper and do some homework. Be sure that any treatment device you buy is registered with the National Sanitation Foundation (NSF). Information on these systems is available at libraries, or from the NSF.

Contact the NSF toll free at 877-867-3435 or visit www.nsf.org.

A NOTE FROM New York STATE DEPARTMENT OF HEALTH

The NYS Department of Health has completed a source water assessment for the City of Auburn, based on available information. Possible and actual threats to this drinking water source were evaluated. This 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 lakes. 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 the section of this document "Are there contaminants in our drinking water?" for a list of the contaminants that have been detected in the drinking water.) The source water assessments are intended to provide managers with additional information for protecting source waters into the future.

As mentioned before, our water is derived primarily from Owasco Lake. The source water assessment has rated this source as having an elevated susceptibility to protozoa and phosphorus due to the amount of agricultural lands in

the assessment area and the quantity of wastewater discharged from municipal wastewater treatment plants to surface water. In addition, this source water assessment rated Owasco Lake as having an elevated susceptibility to pesticide contamination due to the amount of agricultural lands.

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. A copy of the complete assessment is available for review by calling the Cayuga County Health Department at 253-1405.

ADDITIONAL SOURCES OF INFORMATION

Seth Jensen Director of Municipal Utilities 315-255-4180 sjensen@auburnny.gov www.epa.gov/safewater/ John West, Chief Water Plant Operator 315-253-8754 jwest@auburnny.gov United States Environmental Protection Agency **Safe Drinking Water** Hotline, 1-800-426-4791 **Cayuga County Health Department** Kathleen Cuddy, Public Health Director 315-253-1560

Eileen O'Connor, Director of Environmental Health, 315-253-1405

Visit the City's website for information regarding our water supply. http://www.auburnny.gov

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 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, our way of life and our children's.

IT'S UP TO US TO PROTECT OUR WATER SUPPLY

