

Project Benefits:

- The plant upgrades will serve the economic development needs of Farmington and other communities for many years. Growth in investments, jobs and the tax base will be improved.
- Significantly improved environmental benefits are now realized with discharge water exceeding stringent state and federal standards for quality.
- Air quality is enhanced by new anaerobic digestion equipment which means odor concerns are a thing of the past.
- Energy conservation and efficiency is improved by the use of a fixed film biological process.

Innovation, Sustainability, and Partnership

The treatment plant upgrade was the result of partnerships between the Towns of Farmington, Victor and Canandaigua and assistance from the NYS Environmental Facilities Corporation (EFC). The Farmington Town Board retained B.P. Donegan as its municipal financial advisor and worked with EFC to secure a project funding package of short and long term low interest loans through the NYS Clean Water Revolving Loan Fund. The competitiveness of the project for funding was greatly improved by MRB Group's design plans and specifications that were construction ready. The loans that were awarded will save participating communities millions of dollars in interest payments over the financing period and have helped maintain an equitable sewer user rate.

Farmington Water & Sewer Department



Follow the Flow

Waste Water Treatment Facility
"Open House"
New Upgrades Improve the Economy and Environment of the Local Area



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visit our website:
www.townoffarmingtonny.com

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TOWN OF
FARMINGTON



Have you ever wondered where the water goes and what happens to the water when you flush a toilet or empty a sink?

Well, if you live in Farmington, the Town of Victor and a small part of the Town of Canandaigua, the waste water comes to the Farmington Wastewater Treatment Facility (FWTF). We are very proud of the significant improvements that have been made to the facility over the past few years, improvements which mean a better living standard for our area and improvements in environmental quality. We want to share that excitement with our 'clients'. So welcome to your newly modified wastewater treatment facility!



When the Town of Farmington's wastewater treatment plant reached 85% of its rated capacity, the Town Board had the foresight to initiate an expansion project to meet the area's growth and economic development needs while also protecting the environment. The project started with the Town Board authorizing MRB Group to prepare plans that would double treatment plant capacity from 2.0 million gallons a day (MGD) to a new average of 4.0 MGD.

With the help of funding from the Environmental Facilities Corporation, the treatment plant costs of \$18.7 million were met. Construction began in 2004 and the plant was substantially complete, starting a Phase 1 startup in June 2007 with full operation in September 2008.

On the average, each person in the U.S. contributes 50-100 gallons of wastewater every day.

If you include industrial and commercial water uses, the daily usage of water per person is as high as 150 gallons per day!

What not to flush down the drain?

Any drugs, needles, poisons, diapers, razors, plastics, or explosive materials should not be flushed.

Any of these materials can affect the operation of the facility and degrade the water quality effluent.

What is wastewater treatment?

It's cleaning used water and sewage so it can be returned safely to our environment.

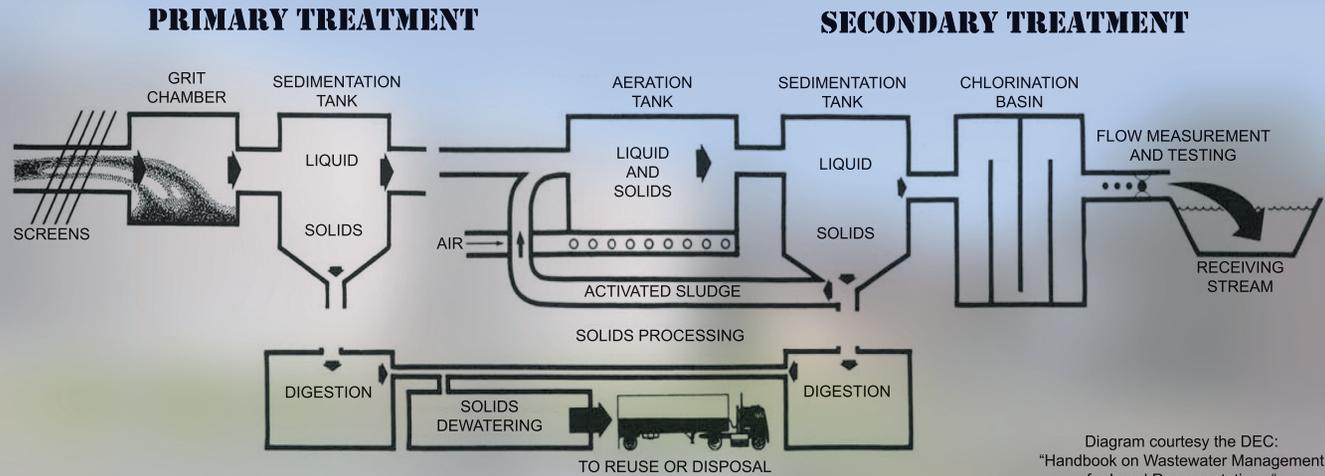


Diagram courtesy the DEC: "Handbook on Wastewater Management for Local Representatives"

How do treatment plants protect our water?

Wastewater treatment plants:

- Remove solids--everything from rags and plastics to sand and smaller particles found in wastewater.
- Reduce organic matter and pollutants--naturally occurring helpful bacteria and other microorganisms consume organic matter in wastewater and are then separated from the water.
- Restore oxygen--the treatment process ensures that the water put back into our rivers or lakes has enough oxygen to support life.

Where does waste water come from?

- Homes--human and household wastes from toilets, sinks, baths, dishwashers, garbage grinders, clothes washers and drains.
- Industry, Schools, and Business--chemical and other wastes from factories, food-service operations, school activities, hospitals, shopping centers, etc.
- Storm Water Infiltration and Inflow from Runoff and Groundwater--water that enters the sanitary sewer system during a storm, as well as groundwater that enters through cracks in sewers.