

SWCT

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2023

What is the Water Pollution Control Authority?



The WPCA consists of seven volunteer members and two alternates who are appointed by the Town Council. They are a statutorily independent entity, having complete jurisdiction over all elements of the sanitary sewer system in our town, including the approval of budgets, sewer use fees, and connections to the public sewer system.

The treatment plant staff is comprised of 10 licensed operators who are responsible for operation and maintenance of the treatment plant, 11 pump stations, and 170 miles of sewer pipe. Together the Authority and Operations staff work as stewards of the treatment system and provide the best value to you the rate payer.



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For more information, scan the QR code to take you to our Town's Pollution Control site.

USER FEES

Sewer user fees are used solely for:

- Sewer capital improvement projects
- Debt service
- The operation and maintenance of the wastewater treatment plant, 11 pump stations, and 170 miles of sewer pipe, which includes 20+ miles within rights-of-way.



Did you know?

FOG, known as:

Fats

Oil

Grease

CLOGS YOUR SEWER PIPE

and should be cooled and disposed of in your trash.



What YOU can do:

Use a Grease Can Lid!

1. Pour grease into a can.
2. Seal with this lid and store can in freezer.
3. When full, remove this lid and place can in trash
4. Reuse this lid!



Visit the Town Hall Public Works Department for your **FREE** Grease Can Lid.

BUDGET

The Pollution Control Budget is a special revenue fund overseen by the South Windsor Water Pollution Control Authority (WPCA). It is funded through the assessment of user charges to provide 100% of the operation, maintenance, and replacement costs of the treatment system. The operating budget for this year is \$6,241,273.

FINISHED PROJECTS

Clark Street Force Main Line-Stop Valve (ARPA)

This project consisted of replacing an existing 14" isolation valve located in the dry pit of the Clark Street pump station and the installation of a new pump station bypass line allowing the station to be bypassed for maintenance and rehabilitation purposes.

Project Cost: \$205,000

Phase IV Sewer And Manhole Rehabilitation (ARPA)

With the use of ARPA funds, 40 pipe segments ranging from 8" to 30" diameter were relined. Relining sewer pipe is a cost effective method to re-establish the structural integrity of the pipe and prevent the infiltration of ground water. In addition, 28 manholes were rehabilitated in various capacities.

Project Cost: \$1 Million



Image shows crews inserting the new sewer lining on LeFoll Blvd.

CURRENT PROJECTS

Aeration Weir Gate Replacement

There are four weir gates at the end of the aeration basins that are critical to the treatment plants' process control. Cracks in the welds and difficult operability require the gates to be replaced.

Current Project Phase: Construction

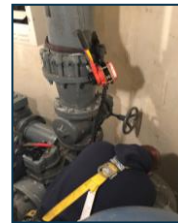
Project Cost: \$580,000

Clark Street, Benedict Drive, Pleasant Valley Pump Station Upgrade

This is a comprehensive upgrade of the Town's 3 largest wastewater pump stations. We are in the application process for the State Revolving Clean Water Fund loan, which is a low interest loan program designed for municipalities who are seeking to make infrastructure improvements to their wastewater facilities.

Current Project Phase: Project Design

Estimated Project Cost: \$10 Million



Images show the Pump Station at Pleasant Valley being worked on.

Sanitary Sewer Evaluation Survey - Clark Street Sewer Sheds

The Town intends to utilize this SSES to identify primary areas of concern within the Clark Street Pump Station sewer sheds and use the study to prioritize future system improvements. This project will help save on long term operation and maintenance costs.

Current Project Phase: Selection of Consultant

Estimated Project Cost: \$800,000

CURRENT PROJECTS

UV Disinfection Upgrade (ARPA)

Treated wastewater passes through ultraviolet light to be disinfected before being discharged to the Connecticut River as part of the facility's discharge permit. The WPCA has allocated \$1.1 million in ARPA funding to upgrade the existing unit which has been in service for 20 years.

Current Project Phase: Project Design

Estimated Project Cost: \$1.5 Million



Existing UV Bank that has been in service for 20 years.

Odor Control Improvements

The Town of South Windsor Water Pollution Control Facility (WPCF) is seeking consultants to design improvements to the odor control system at the wastewater treatment facility. The WPCA received a grant in the amount of \$1.3 million dollars by the state bonding commission to make improvements. This past year carbon filter odor scrubbers were installed on the gravity thickeners and sludge storage tanks as part of the Capital Improvement Project fund.

Current Project Phase: Design

Estimated Project Cost: \$1.5 Million



For more information on our current projects, visit our website. Use your smartphone camera to scan the QR code here!