

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
2017 OPERATIONS AND ACCOMPLISHMENTS**

AUTHORITY SYSTEM OPERATIONS

In 2017 the DCWWA continued its successful management and operation of twenty-three water and sewer systems, providing services to over 5,400 customers. One of these systems was acquired by DCWWA during 2017. All systems closed out 2017 within the adopted system budget parameters. Below are the system operational highlights from 2017:

- Contracts were awarded and work commenced for a phased update of all Instrumentation and Control Systems at the Hyde Park Water Treatment Facility.
- One of three 1,000 gallon per minute raw water pumps was replaced at the Hyde Park Water Treatment Facility.
- An Inflow and Infiltration Investigation was carried out for the Greenfields Sewer Collection System.
- A pilot de-chlorination study was implemented for the Valley Dale Sewer System.
- A Water Supply Cybersecurity Vulnerability Assessment was completed in accordance with new requirements of the New York State Public Health Law.
- Operation of the Global Foundries on-site water system was commenced, as a necessary step to enable the finalization of the sub-division of the Global Foundries Hudson Valley Research Park property.
- A Bank Lock Box was established for receipt of customer bill payments, creating greater economies in costs associated with Accounts Receivable functions.

MAJOR CAPITAL PROJECTS

In 2017 the DCWWA continued the process of annually reviewing and updating a Five Year Capital Plan. The 2017-2021 Capital Plan includes \$12.3 million in funded capital project work. Below are the capital project highlights for 2017:

- Reached substantial completion of construction of the Dutchess County Airport Water Line.
- Completed construction of the Chelsea Cove Sewer Wastewater Treatment Plant Rehabilitation Project.
- Completed construction of the Shore Haven Water System Distribution System Improvement Project.
- Continued construction of the Shore Haven Water Treatment System Improvement Project.
- Completed construction of the Valley Dale Sewer Wastewater Treatment Plant Rehabilitation Project.
- Completed engineering design of the Pinebrook Sewer Wastewater Treatment Plant Replacement Project and submitted final plans and specifications for regulatory approval.

- Obtained a \$840,272 NYS Water Infrastructure Improvement Act Grant to replace the Pinebrook Sewer System treatment plant.
- Completed engineering design of the Greenfields Sewer Wastewater Treatment Plant Rehabilitation Project and submitted final plans and specifications for regulatory approval.
- Obtained a \$957,530 NYS Water Infrastructure Improvement Act Grant for upgrades to the Greenfields Sewer treatment plant and collection system improvements.
- Awarded construction contracts and commenced construction of a new waterline connecting the Beekman Elementary School to the DCWWA's Dalton Farms Water System.

NEW SYSTEM ACQUISITIONS AND SYSTEM EXPANSIONS

- Completed all steps necessary for the transfer from the Towns of Rhinebeck and Hyde Park of the Vanderburgh Cove Sewer System to the DCWWA, with the transfer of ownership occurring on January 1, 2018.
- Continued negotiations with the project sponsor for DCWWA ownership of the proposed water and sewer system for the proposed Red Hook Acres 102 unit residential development in the Town of Red Hook.
- Participated in several public workshops sponsored by the Village of Tivoli as part of its County Municipal Consolidation and Shared Services Grant to evaluate the potential transfer to the Authority of the Village's water and sewer systems, resulting in the adoption of a Village Board resolution to move forward with the transfer.
- Provided technical assistance to the Town of Hyde Park's NYS Energy Research and Development Agency "Cleaner Greener Communities Program;" specifically focusing on the sewer feasibility study.
- Entered into a Memorandum of Understanding with the developer of the proposed Meadows at Pawling residential subdivision to accept ownership of the wastewater system upon completion of construction.
- Entered into a Memorandum of Understanding with the developer of the proposed Bellefield Project in the Town of Hyde Park to assist in the evaluation of options for the development and ownership of water and sewer services in support of the project.
- Entered into a Memorandum of Understanding with the developer of the proposed Rock Ledge project for the adaptive reuse of a National Register of Historic Places property, to assist in the evaluation of options for the development and ownership of water and sewer services in support of the project.