

### **Authority System Operations**

As of December 2024, the DCWWA manages and operates thirty-one water/wastewater systems, providing services to nearly 6,600 customers. DCWWA achieved the following system operational highlights in 2024:

- Successfully managed and operated 31 water and sewer systems, serving nearly 6,600 customer connections.
- Developed and implemented new work order management system.
- Received design approval from DOH for Shore Haven Water system corrosion control utilizing phosphoric acid.
- Completed basis of design engineering report for the Dalton Farms Sewer system for the replacement of the tertiary and disinfection unit processes.
- Started construction at Chelsea Cove Sewer System to improve the performance of the facility's headworks.
- Continued design for the improvement of Dalton Farms-Plum Court pump station.
- Completed transition to a new integrated utility billing and meter reading system fully interoperable with the new accounting system.

### **Major Capital Projects**

In 2024 the DCWWA continued the process of annually reviewing and updating a Five-Year Capital Plan covering all Water and Sewer Systems. Below are capital project highlights for 2023:

- Initiated RFQ Design effort to upgrade the Hyde Park extending the distribution system to Greenfields water system to address PFAS contamination of the Greenfields wells.
- Commenced basis of design effort to drill new wells for the Schrieber Water System to address radiological contamination of the Schrieber wells.
- Commenced basis of design effort to Greenfields Water System with the Hyde Park Regional Water System to address emerging contaminants including PFOA & PFOS.
- Commenced construction of Tivoli Sewer WWTP, and lift station system following receipt of all Regulatory Approvals.
- Completed evaluation of Tivoli Sewer Collection System.
- BOCES/Peach Road Project: Design completed.
- West Dorsey-Route 9 Extension: Established zones of assessment and began design.
- Hyde Park Regional Water System – Replaced Vertical Turbine Pump 103.

### **Community Projects**

In 2024, the DCWWA continued the process of annually reviewing and updating a Five-Year Capital Plan covering all Water and Sewer Systems. Below are capital project highlights for 2024:

- Jeffrey Grove Estate developer continued construction of sewer systems and completed water system.
- Crofton Mews Project conducting technical evaluations related to developer proposed interconnection to the Hyde Park Regional Water System.
- Bellefield/T-Rex: Developer constructed and activated WWTP.
- Hopewell Senior Living: Developer commenced construction of connection to Central Hudson Transmission Line.
- Monitored Champlain Hudson Power Express impact to public water systems. No water quality impacts were detected.
- Central Dutchess Transmission Line: Southern Dutchess Transmission Line: Completed engineering feasibility report for connecting the water main to the NYC Delaware Aqueduct.

**New System Acquisitions and System Expansions**

- Continued development of the Rockledge Estates Water and Sewer Project.
- Continued West Dorsey Water Main Extension
- Continued design of Peach Road Water Main Extension