

YORK STREET PUMP STATION AND CONNECTICUT RIVER CROSSING

STATE PROGRAM: Massachusetts Department of Environmental Protection

ASSISTANCE RECIPIENT: Springfield Water & Sewer Commission

ASSISTANCE AMOUNT: \$138M



PROJECT DESCRIPTION

The Springfield Water and Sewer Commission (SWSC) wastewater collection and treatment system serves nearly 250,000 citizens in the City of Springfield and portions of six neighboring communities. The regional treatment facility receives and treats an average of 67 million gallons per day, which is discharged to the Connecticut River. During storm events, the facility often receives more than twice the daily average flow, resulting in untreated water being diverted to the river. SWSC invested in a pump station and conveyance pipelines to reduce combined sewer overflows, leading to significant reduction in E. coli and nutrient loads to the river, which serves as habitat for endangered species and an important recreation resource. Through the \$138 million loan SWSC received from the Massachusetts SRF program, it minimized impacts to the existing rate structure, providing relief to local ratepayers, and maintained a collaborative approach to construction activity in environmentally sensitive areas. The result is a significant capital investment that provides increased pumping capacity, redundancy of critical infrastructure, and resiliency against flooding and climate change.

To read more about this case study, please visit <https://www.epa.gov/system/files/documents/2022-02/2021-pisces-compendium.pdf>.