

## CITY OF ROME WATER RESOURCES RECOVERY FACILITY UPGRADES

**STATE PROGRAM:** New York Environmental Facilities Corporation

**ASSISTANCE RECIPIENT:** City of Rome, New York

**ASSISTANCE AMOUNT:** \$10.4M



### PROJECT DESCRIPTION

The City of Rome owns and operates a Water Resource Recovery Facility (WRRF) that required significant upgrades to its aging treatment equipment. In addition to the necessary treatment capacity expansions, the City invested in the installation of a high strength organic waste receiving station for acceptance of dairy whey, liquid sludge, source separated organics, and fat/oil/grease wastes. The city also constructed a combined heat and power system (CHP) that generates electricity with biogas, thereby offsetting some of the WRRF's energy usage. These upgrades to the WRRF allow the plant to treat large quantities of high strength organic waste and develop partnerships with Chobani and many other local businesses wishing to dispose of their organic waste in a more cost efficient and environmentally friendly way.

The City of Rome received \$10.4 million in interest-free CWSRF financing and a \$2 million New York State Green Innovation Grant for the project. The improvements to the WRRF and new CHP facilities allow the WRRF to increase its revenue stream while moving further towards energy independence through biogas utilization. These benefits lead to a cleaner environment and lower sewer rates for customers in the municipality in the long-term.

To read more about this case study, please visit <https://www.epa.gov/system/files/documents/2023-04/pisces-2022-compendium.pdf>.