



# CITY OF ONEIDA ORGANICS AND WATER RESOURCE RECOVERY CENTER

ONEIDA, NY



## PROJECT SIZE

\$48.3M



## PROJECT SCHEDULE

10/23/2020-?



## CONTRACT METHOD

ESPC



## BENEFITS

- Resilient and reliable wastewater utility infrastructure
- Food waste processing solution supports regional economic development, attracting new businesses while retaining old ones
- Expanded revenue diversity beyond traditional customer base

The City of Oneida was looking to upgrade the infrastructure at their City's wastewater facility to be more resilient and reliable. Oneida partnered with ESG to implement long-term improvements that will fully revitalize the City's wastewater facility, increase its treatment capacity, and position it as an Organics and Water Resource Recovery Center (OWRRC).

## SOLUTION

The project's scope includes improvements to nearly every aspect of the treatment process, creating a fully modernized facility that meets the State's current regulatory requirements for the next generation.

A new complex and receiving facility will enable the OWRRC to accept trucked-in waste from regional industries and food processors and provides a new source of revenue for the City as suppliers will be charged fees for disposing of their organic waste at the facility.

- New 2.5 mile dairy producer-dedicated pipeline and new dairy pretreatment system
- Aeration tanks expansion and improvements
- New secondary clarifiers
- New activated sludge control building
- Two new 600,000 gallon anaerobic digesters and digester control building
- Dedicated receiving facility for high-strength organics such as food waste
- New gravity thickeners and belt filter presses
- New biosolids conveyance & truck loading system
- New organic waste receiving and processing system
- Electrical system improvements
- New 1,000 kilowatt backup power generator
- New DPW storage facility
- New SCADA plant control system and plant-wide WiFi system

## RESULTS

Through their partnership with ESG, the City of Oneida will be able to support the growth of local industries in the community by providing a new, dependable location for food and organic waste disposal. From an environmental standpoint, the project will help to ensure clean water for current and future generations of City residents and businesses.

