

18-277-3M, Digester Sludge Heating System Upgrades and Boiler Removal Calumet Water Reclamation Plant

Construction Contract 18-277-3M Digester Sludge Heating System Upgrades and Boiler Removal, Calumet Water Reclamation Plant, is being financed by the Clean Water State Revolving Fund (SRF), SRF Loan No. L173798. The SRF program is administered by the Illinois Environmental Protection Agency and receives a portion of its money to fund these types of projects from the U.S. Environmental Protection Agency. SRF programs operate in each state to provide communities the resources necessary to build, maintain, and improve the infrastructure that protects one of our most valuable resources: water.

Service Area: Calumet

Location: Calumet Water Reclamation Plant, 400 E. 130th Street, Chicago, IL 60628

Engineering Consultant: In-house Design

General Contractor: IHC Construction Companies, LLC

Contract Award Amount: \$25,499,000.00

Award Date: December 19, 2019

Contract Duration: 1,100 Calendar Days

Project Description: The work will include removal of sludge heating boiler systems and installation of steam-to-hot water heat exchanger systems at the Digester Complex; installation of steam and condensate piping with supports for the new system; replacement of four sludge heat exchangers in Cluster 1 and replacement of tubes and gaskets for sludge heat exchangers in Cluster 2; and re-purposing of old compressor building for electrical equipment.

Project Justification: This work will reduce the demands on the Maintenance and Operations Department's personnel by replacing inefficient and maintenance-intensive equipment.

