

Digester Sludge Heating System Upgrades and Boiler Removal, CWRP**Project Number** 18-277-3M**Service Area** Calumet**Location** Calumet WRP**Engineering Consultant** In-house design**Engineering Contractor** To be determined**Estimated Construction Cost** \$10,500,000**Contract Award Date** June-19**Substantial Completion Date** October-20

Project Description 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. Re-purposing of old compressor building for electrical equipment.

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

Project Status Design