

TARP Mechanical Equipment Improvements, CWRP

Project Number	26-822-31
Service Area	Calumet
Location	Calumet WRP
Engineering Consultant	In-house design
Engineering Contractor	To be determined
Estimated Construction Cost	\$25,500,000
Contract Award Date	June 2026
Substantial Completion Date	December 2028
Project Description	This project will rehabilitate the Calumet TARP main sewage pumps' suction valves, integrate the medium voltage drive auxiliary chillers into the house-chilled water system, balance and align rotating assemblies, improve the West TARP seal water and compressed air feed systems and upgrade obsolete prime mover vibration and temperature monitoring systems.
Project Justification	The Calumet WRP TARP main sewage pumps' suction valves are original to the pump station (circa 1985). The valves leak and do not hold a seal, which requires the entire pump house to be dewatered and taken out of service in order to isolate the pumps for routine service. The medium voltage drive auxiliary chillers have proven to be a reliability risk, thus reducing the availability of the pumps.
Project Status	Planning

