

New Electrical Power Centre Commissioning Update

An important step in the commissioning of the new Electrical Power Centre (EPC) was reached on February 4th with the transfer of all electrical loads from the existing Water Treatment Plant (WTP) Substation to the new EPC. Completing this critical task required several complete shutdowns of the Water Treatment Plant and many man hours from City staff to coordinate. Focus now is on the Wastewater side and transferring all the electrical loads from the WWTP substation which is forecated to be completed by August!

The new Electrical Power Centre replaces the below facilities and will allow for their demolition, which is one of the final parts of the project. To date only the WTP Substation has been demolished.



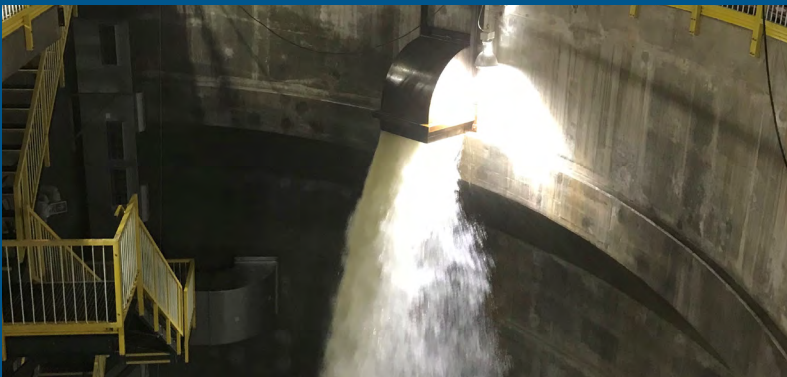
Water Treatment Plant Substation
(Constructed late 50's)



Wastewater Treatment Plant Substation
(Constructed early 70's)



Standby Power Facility
(Constructed early 70's)



Main Pumping Station

Exterior architectural works are complete with preparations underway for site grading and paving while interior finishes are ongoing. Wet testing of the twelve pumps utilizing clean water was successfully undertaken in June. Preparations are now underway for the commissioning of the MPS facility in anticipation of raw wastewater pumping, which is planned to begin around the end of July. Commissioning activities will be undertaken over a period of approximately 6 months. Upon successful commissioning of the new MPS facility, the existing pumping station will be decommissioned.

Progress to Date



Electrical Power Centre

Work continues to focus on transferring the remaining WWTP loads to the new EPC system, as well working through deficiencies that have been identified. The construction of the chlorine railcar weigh scales is complete, and remaining works on the chlorine system include the completion of the emergency valve closure system and air padding system.

Progress to Date



Tertiary Treatment

Phase 2 of the South Plant construction continues with excavation in progress for Aeration Tank 10, and concrete works are progressing on Aeration tank 10 and new Secondary Clarifier 14. Excavation is now complete for the new Chlorine Contact Tank with concrete works ongoing. At the new Tertiary Treatment Building, masonry installation is ongoing with mechanical, electrical, and HVAC works in full swing. The majority of PCB Hazardous soils have now been removed from site.

Progress to Date

