



COLLINS PARK IMPROVEMENTS

QUARTERLY UPDATE

Upgrades to Basins 1 Through 6 to Begin in June

Collins Park Water Treatment Plant currently has six basins where the flocculation and sedimentation steps of the treatment process occur. While construction of Basins 7 and 8 continues to provide redundant capacity, the existing Basins 1-6 are in need of upgrades and modernization. These basins will undergo several improvements to help bring the plant to current design standards and improve the reliability and efficiency of treatment processes. The upgrades will include structural repairs, replacement of flocculation and sedimentation equipment, replacement of carbon dioxide feed equipment, and the addition of surface skimmers, effluent superstructure and troughs. Basin influent metering and control improvements will provide better control of the flow of water.

Basins 1-6 improvements are divided into two construction contracts and three total phases. The work will be sequenced to maintain adequate capacity at all times. Two basins at a time will be taken offline and upgraded, then brought back to fully operational before another two basins are upgraded. The upgrades and improvements will require close coordination with the day-to-day operations at the plant.

Construction on Basins 1-6 at Collins Park Water Treatment Plant will begin in June 2019, with final completion on the project planned for October 2023.

Completion of Two Large Projects

Two significant projects have recently been completed on schedule. In the first project, the construction of a new Maintenance Facility provides 31,500 square feet for plant staff to perform maintenance work more efficiently, and improvements to the Chemical Building HVAC systems and reconfigured existing workspaces.

The second completed project is the Collins Park Electrical Upgrades. This project updated the power supply to and throughout the plant, including adding a redundant power distribution system within the plant for improved reliability, increased capacity within the system for planned improvements and improved safety for operations.



Current Construction Progress

COLLINS PARK ELECTRICAL UPGRADE

99%

WORK COMPLETE
\$23.8 MILLION

UNDERWAY

- » Complete conduit installation
- » Substantial completion met
- » Punch list

TREATMENT BASINS 7 AND 8 ADDITION

39%

WORK COMPLETE
\$55.0 MILLION

UNDERWAY

- » Flocculation basin walls
- » Effluent launder structural steel
- » Main gallery decking and sedimentation

MAINTENANCE FACILITY AND CHEMICAL BUILDING

71%

WORK COMPLETE
\$10.0 MILLION

UNDERWAY

- » Plant tie-ins and reroutes
- » Interior finish work
- » Staff move into new facility
- » Repairs to lobby, restrooms in administration building

OZONE TREATMENT FACILITY

7%

WORK COMPLETE
\$43.9 MILLION

UNDERWAY

- » Concrete slabs and walls
- » Concrete settled and ozonated fumes

For more information about the General Plan of Capital Improvements, please visit <http://toledoh2o.com>.