



COLLINS PARK IMPROVEMENTS

QUARTERLY UPDATE

New Bonds Approved to Support Upcoming Projects

Toledo City Council recently approved the sale of \$75 million in bond funds to support the upcoming improvement projects at the Collins Park Water Treatment Plant. These funds will support more than 20 construction projects through 2018, including improvements to the raw water intake, water mains and flocculation and sedimentation basins. In addition, upgrades to the maintenance, chemical, administration and gallery buildings will be completed, and phase two improvements will begin on the Heatherdowns pump station and chemical conveyance systems. These infrastructure updates are part of the 10-year program designed to ensure safe, high-quality drinking water for residents in and around the Toledo area for years to come.

Computer Monitoring and Control System Upgrades Nearing Completion

Construction of the new Supervisory Control and Data Acquisition (SCADA) system will continue throughout the winter months; however, plant staff are already transitioning from the nearly 30-year-old computer control system to the new SCADA system. The integration of this state-of-the-art computer hardware and software components technology and new processes will significantly improve the accuracy, reliability and safety of water plant operation and allow staff to better obtain real-time data to adjust treatment processes in response to variations in raw water quality. System efficiency will also be improved through the ability to monitor and control pumping facilities remotely.

Current Construction Progress

NEW SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA) SYSTEM	BACK-UP FILTER BACKWASH IMPROVEMENTS	LOW SERVICE PUMP STATION	HEATHERDOWNS PUMP STATION
<p>80% WORK COMPLETE \$6.7 MILLION</p> <p>UNDERWAY</p> <ul style="list-style-type: none"> » New Solids Dewatering Facility control system » Telemetry interface with remote pump stations » Main control room commissioning 	<p>95% WORK COMPLETE \$1 MILLION</p> <p>UNDERWAY</p> <ul style="list-style-type: none"> » Interior building plant water piping replacements » New chemical feed water-supply piping » Commissioning west plant backwash rate of flow controller 	<p>66% WORK COMPLETE \$25.9 MILLION</p> <p>UNDERWAY</p> <ul style="list-style-type: none"> » Replacing/refurbishing valves on pump discharge piping » Installing new pump Number 1 » Commissioning transformer and switchgear 	<p>96% WORK COMPLETE \$2.3 MILLION</p> <p>UNDERWAY</p> <ul style="list-style-type: none"> » Start-up of new pump drives » Commissioning transformers and switchgear » Interior finish painting and punch list