

Performance Contracting

Project: DELCORA Water Authority



An \$8.3M, multi-phase construction project encompassing lighting, mechanical, controls, air quality, and pumping systems for this water treatment facility in Southeastern Pennsylvania.

Background

Responsible for wastewater treatment for Delaware County Pennsylvania, Delaware County Regional Water Quality Control Authority collects and treats an average of 100 million gallons of wastewater per day, serving 600,000 people. The facility is designed to treat a combination of domestic, light industrial, and commercial wastewaters.

Beginning in 2017, DELCORA partnered with CM3 to implement \$8.3M in renovations throughout the plant. Given the extent of the renovations, the project was separated into six unique phases.

Because the facility operates 24/7, an extensive project plan was developed to enable a systematic, section-by-section approach, and a dedicated project manager was assigned to the site for the duration of the project.

Additional maintenance and retrofit services continue to be provided as needed.



Project Summary

This multi-phase project completed the more extensive, high-priority renovations during the initial phases with later phases addressing smaller projects:

Lighting

Mechanical Equipment

- » Chiller Replacement
- » Boiler Plant
- » Domestic Hot Water

Building Automation Systems

Pump Stations

- » Exhaust Fans
- » Dampers
- » Ductwork
- » Make-up Air Units
- » Pumps to Exhaust

HVAC

- » Split Systems

Air Quality Upgrades