

Orange County Sanitation District Plant 2 Headworks Replacement Project (P2-66)



The District was extremely pleased with the design and construction teams' innovation, commitment, follow-through, and effectiveness in successfully completing one of the largest wastewater public works projects in the country. The following are some quotes from District employees involved in the design, construction, and operation of P2-66:

"The new headworks facility is one of the most important pieces of infrastructure in Orange County. This was a large, complex project that required management of multiple risks during construction. Keeping the plant running during construction was like performing open-heart surgery on our treatment facility." - **Jim Herberg, General Manager**

"The new Headworks will provide the Orange County Sanitation District ratepayers and District employees with a reliable and dependable facility for the next 40 years." - **Mike Berdis, Operations Supervisor**

"The new Headworks facility features high level of automation in areas that were not automated in the old Headworks, such as acid wash of chemical scrubbers, and even loading of screenings and grit. So even with a larger facility to operate, the staffing level remains the same due to this high level of automation." - **John Lin, Senior Engineer**

"Developing the process control software for the largest process addition to Plant 2, the new headworks facility, was a challenge unto itself, commissioning the new facilities and keeping both the old and the new headworks systems functional, reliable and still meet daily operational objectives over the duration of the many commissioning phases without an upset was a real accomplishment. It was truly a team effort that highlights the dedication and talents of the personnel involved." - **Riaz Moinuddin, Engineering Supervisor**

"Being with a successful project such as P2-66 from the beginning design phases through construction and completion was very rewarding. The new Headworks provides a reliable influent pumping system for Plant 2 that was in question before P2-66 was completed." - **John Kavoklis, Chief Plant Operator**