

Water and Wastewater Facilities in the City of Tracy

Tracy, CA



View of John Jones Water Treatment Plant primary clarifiers

EKI served as the City of Tracy's project manager for both the planning of the John Jones Water Treatment Plant (JJWTP) expansion from 15 mgd to 45 mgd, and the design for the first phase 7.5 mgd expansion, as well as construction oversight. The planning portion of the project included an evaluation of alternative disinfection, clarification, and filtration processes, and pilot testing of the selected process. The selected process involved ozone disinfection and deep bed GAC filtration. EKI also assisted with a State Revolving Fund loan and was the liaison with the State of California Department of Health Services to help secure financing and change the source of the water for the JJWTP from the Delta Mendota Canal to the California Aqueduct.

Prior to serving as the City's project manager, EKI served as Deputy Director for Utilities during a two-year vacancy of the City's Staff position. During this time, EKI managed the development of a wastewater master plan and estimated costs for the planned tripling of the City's population. The wastewater master plan encompassed the evaluation of the collection system, treatment plant expansion options, and reclaimed water use options.

EKI was also responsible for managing the implementation of a chloramination program to reduce trihalomethanes in the City's potable water system, the evaluation of biotowers at the City's wastewater treatment plan, and negotiations for alternative water sources with various local irrigation districts.