

Program Manager for City of Lathrop's Wastewater Facilities

Lathrop, CA



EKI has served as the City of Lathrop's program manager for various improvement projects at the wastewater and recycled water facilities.

EKI's work to date has included the following:

- Managed compliance actions for the City's Waste Discharge Requirements (WDR) permit, which permits the discharge of recycled water from the City's domestic wastewater treatment plant to parks, landscaping, and agricultural land.
- Coordinated eight consulting engineering firms and fifteen developers on behalf of the City as it underwent a complex permit compliance process, prepared detailed project schedules, technical review of engineering documents, and interfaced with regulatory agencies.
- Secured a new WDR permit for the expansion of the membrane bioreactor (MBR) wastewater recycling plant (CTF Expansion Project and Five-Year Wastewater Capacity Project); performed design review on plant designs; and managed the process of securing eventual discharge of recycled water to the San Joaquin River.
- Assisted the City with implementation of the water softener bank, which was the first successful water softener ban in the Central Valley since 2001 legislation modified the process for implementing such bans in California.
- Performed other miscellaneous technical and managerial tasks for the City, including developing a salinity source study and source control implementation plan, updating the City's design and construction standards, assisting with the preparation of a wastewater rate study, and preparing Requests for Proposals for consulting services.
- Currently serving as Program Manager for the CTF Expansion Project and Five-Year Wastewater Capacity Project – expansion of MBR wastewater treatment plant from 1.0 mgd to 2.0 mgd. Role includes selection of engineer for the construction, coordination with stakeholders, management of three consultants and six developers, and technical review of engineering documents.
- Currently updating the City's Water System, Wastewater System and Recycled Water System Master Plan for the development of an Integrated Water Supply Master Plan. Tasks includes building hydraulic models, developing a capital improvement program for each system, conducting water supply reliability estimate, updating land-use specific water demand factors and wastewater flow generation factors, and developing a tracking tool to track water demands and wastewater flow generation rates relative to developer agreements.