

Preparation of Urban Water Management Plans for the City of Tracy

Tracy, CA



Tracy gets approximately 59% of its water supply from the Central Valley Project via the Delta Mendota Canal

EKI has prepared the 2000, 2005, 2010 and 2015 Urban Water Management Plans (UWMPs) for the City of Tracy (Tracy) in accordance with the California's UWMP Act (Water Code Sections 10610 – 10656).

At the time of preparation of these UWMPs, Tracy was one of the fastest growing cities in California and had an annual water demand of approximately 17,000 acre-feet. Tracy relies on Central Valley Project water, groundwater, and other surface water supplies. The UWMPs documented how Tracy would manage its current and future water resources to continue to provide its customers with an adequate and reliable water supply.

The prior UWMPs were prepared with in-depth participation by the City through a series of Review Meetings to ensure that the UWMPs reflected the City's current situation and vision for the future and provided a solid, defensible document to rely upon during future water supply availability evaluations (SB-610 and SB-221).

EKI performed the following:

- Documented the quantity and reliability of the City's water supply sources for the next 20 years assuming normal years, a single dry year, and multiple dry years.
- Identified additional sources of future water supplies. Projected water supply was compared to projected future water demand and shortfalls were assumed to be met through groundwater extraction, spot market water transfers, water recycling, and water conservation efforts.
- Conducted a Water Shortage Contingency Analysis and described each California Urban Water Conservation Council's Best Management Practice (BMP) being implemented within Tracy.

The 2015 UWMP addressed the significant changes in water supply reliability that the City faces based on the significant water supply cutbacks that they received during the 2012-2015 historic drought, as well as the pursuit of additional supplies, including recycled water. The 2015 UWMP also addressed the City's projected rebound in water demand following the recent drought and how, when combined with growth in water demand over the next five years associated with new development, the City will meet its 2020 SBx7-7 water use target. EKl also updated the City's Water Shortage Contingency Plan using EKl's Drought Response Tool.