Tracy Research Technical Report Abstract

***Volume 17***
Craft, D., Housewright, R., Mao, L., and J. Fields. 2002. *Semi-Continuous Water Quality Measurements at the Tracy Fish Collection Facility, Tracy, California, April 2000 to March 2001*. Tracy Fish Collection Facility Studies. Volume 17. U.S. Bureau of Reclamation, Mid-Pacific Region and Denver Technical Service Center. 22 pp. + Appendices.

This report presents semi-continuous data for several water quality variables measured using a Hydrolab Datasonde multi probe (Hydrolab, Inc.) installed at the Bureau of Reclamation's (Reclamation) Tracy Fish Collection Facility (TFCF), Tracy, California. The TFCF is the fish salvage facility at the head of the canal for the Tracy Pumping Plant (TPP), and removes fish from Old River water before it is pumped into Reclamation’s Delta Mendota Canal (DMC) by the TPP. These facilities are located in the southern region of the San Francisco Bay Delta area (South Delta) in northern California. The variables measured in the Old River at the TFCF intake included temperature (T), pH, dissolved oxygen (DO), conductivity (EC), oxidation-reduction potential (Eh), and turbidity. The multi probe was cleaned and calibrated on a weekly schedule, and data downloaded at monthy intervals from April 2000 through March 2001. Also included with the water quality data are weather, tide, and stream flow data from nearby measurement stations. The Hydrolab data have been validated, peer-reviewed, collated and archived in a Microsoft® Access database and are available on request.