

RECLAMATION

Managing Water in the West

Tracy Fish Collection Facility

The Tracy Fish Collection Facility (TFCF) is a complex system of louvers, bypasses and holding tanks operated to protect and salvage fish from the nearby C.W. "Bill" Jones Pumping Plant. The facility collects Sacramento-San Joaquin Delta fish species as a primary mitigation feature for the pumping plant and returns them to the Delta.

In June 2014, work began at the TFCF to improve operations and protection of the fish. Reclamation awarded a \$4.27 million contract to Valentine Corp. of San Rafael, Calif., to replace the secondary louvers and add fish screens that can electronically remove debris. The work was completed at the end of June 2014.



Valentine Corp. replaces secondary louvers with fish screens that can remove debris at TFCF in automated mode.



Electrician Clinton Castle from Con J. Franke, Electric, Inc. installs electrical switch box and conductors to operate the new fish screens.



Russ Gerrish, Valentine Corp., helps equipment operator Ron Hall hoist the cover plate without damaging any adjacent equipment.



Nick Elliott and Michael Wolff from Con J. Franke, Electric, Inc. install the electrical switch boxes to operate the new fish screens at the TFCF.



Electrician John Rountree uses conduit bender to bend the conduits for the electrical system installation.



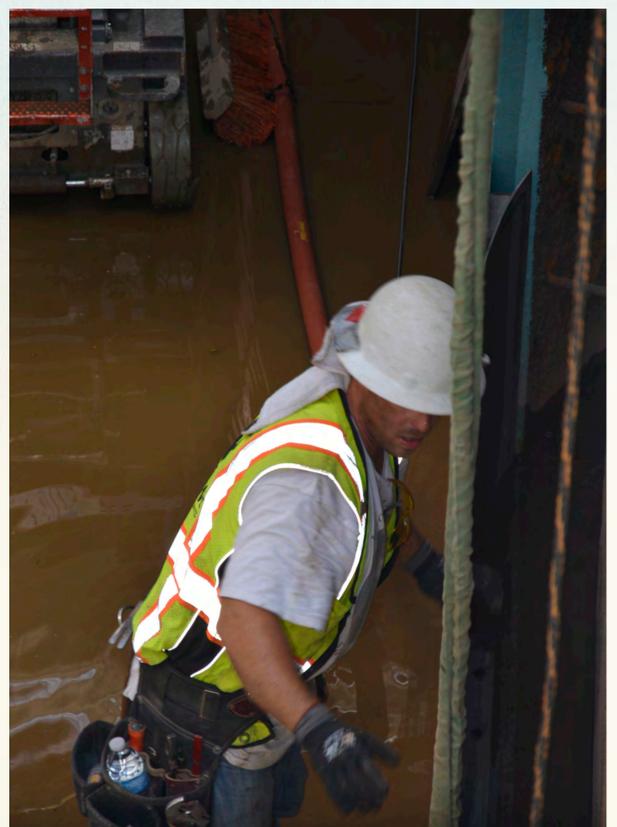
Sean Pipkin and Ron Hall from Valentine Corp. prepare to hoist a section of the cover plate inside the secondary channel.



Automated fish screens are installed at TFCF to remove debris and protect the fish.



Russ Gerrish and Sean Pipkin, Valentine Corp., guide the cover plate into the opening to be lowered into the secondary channel. The plate covers are for the screened water system.



Chris Oakley, Valentine Corp., positions the metal cover plate in place before drilling the holes for permanent installation.