

RECLAMATION

Managing Water in the West

C.W. “Bill” Jones Pumping Plant and Tracy Fish Collection Facility

With Congressional approval and the President’s signature, the Tracy Pumping Plant has been renamed to the C.W. “Bill” Jones Pumping Plant. The C.W. ‘Bill’ Jones Pumping Plant and Tracy Fish Collection Facility, located in Tracy California, are part of the Bureau of Reclamation’s Central Valley Project’s Delta Division. The division has several key features: the Delta Cross Channel, Contra Costa Canal, Jones Pumping Plant, Tracy Fish Collection Facility, and the Delta-Mendota Canal.

The C.W. “Bill” Jones Pumping Plant system was constructed between the years of 1947-1951 and is operated by Reclamation and the San Luis & Delta-Mendota Water Authority. The C.W. ‘Bill’ Jones Pumping Plant consists of an inlet channel, pumping plant, and discharge pipes.

Water in the Sacramento-San Joaquin Delta is lifted 197 feet into the Delta-Mendota Canal by six 22,500-horsepower motors, pumping water through 15-foot diameter pipes at a rate of 767 cubic feet per second. Water is then transported through the central portion of California’s great Central Valley.



C.W. “Bill” Jones Pumping Plant

The C.W. “Bill” Jones Pumping Plant provides water service to 32 water districts representing 2.1 million acres of Federal and exchange water service contractors within the western San Joaquin Valley, San Benito and Santa Clara Counties. Of the approximate 3 million acre-feet of water distributed, 2.5 million acre-feet is delivered to farms, 200,000 acre-feet to urban areas, including Tracy and cities within the Santa Clara Valley Water District, and 300,000 for wildlife refuges.

Tracy Fish Collection Facility

The Tracy Fish Collection Facility (TFCF) is being renovated and modified to incorporate and utilize the latest biological and technological techniques in fish protection. The TFCF research program will set the standard by becoming a model for how to develop the critical information required for new fish protection facilities in the future. The physical and operational improvements are intended to enhance current collection processes. Project cost is estimated at \$30 million, and funds will be provided through both Federal and State agencies.



Tracy Fish Collection Facility



The original Tracy complex was constructed in the mid-1950s. The facilities were designed to export water for irrigation, municipal, and industrial needs in the southern part of the Central Valley while reducing associated fish losses. The pumping plant, intake channel, and a pilot fish-screening structure were completed in 1951 at the site of the present TFCF.

Concerns regarding losses of juvenile striped bass and juvenile Chinook salmon in the exported flows resulted in several years of testing of various types of fish-screening devices. By 1955, a system of louvers, bypasses, and holding tanks had been selected for implementation.

The current TFCF began operation in 1957 and has evolved to include some of today's state-of-the-art fish salvage techniques. The catalyst for this project is established in Section 3406(b)(4) of the 1992 Central Valley Project Improvement Act and the 2000 CALFED Bay-Delta Program Record of Decision to improve all Tracy facilities.

For More Information

Bureau of Reclamation, Mid-Pacific Region
Public Affairs Office - 916-978-5100

On the web: <http://www.usbr.gov/dataweb/html/delta.html>



Chinook Salmon Smolt Stage



Delta Smelt Cultured Juvenile



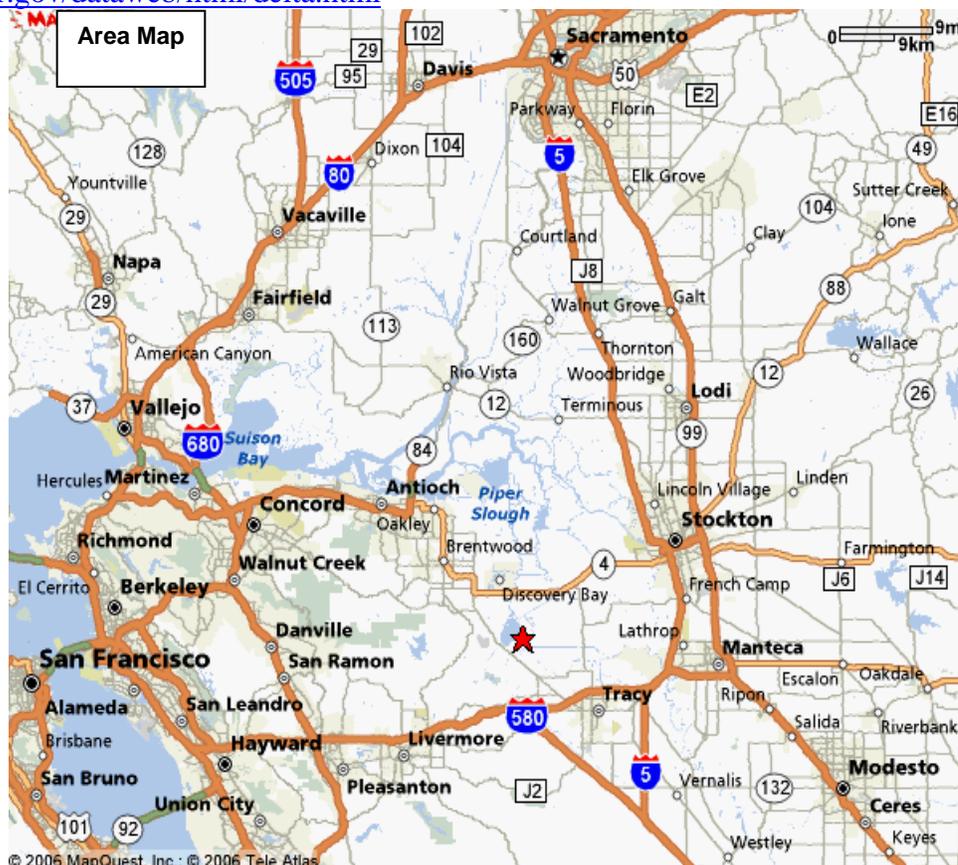
Splittail Prolarval Stage



Steelhead Trout Young Adult



Green Sturgeon



Types of fish found in the Sacramento-San Joaquin Delta



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