

**DRY CREEK (WARM SPRINGS DAM) LAKE AND CHANNEL (LAKE SONOMA)
OPERATIONS AND MAINTENANCE**

PROJECT LOCATION AND DESCRIPTION: Lake Sonoma is located on Dry Creek, a tributary of the Russian River, in Sonoma County, California, about 75 miles north of San Francisco. The Warm Springs Dam project was authorized by the Flood Control Act of 1962 and completed in 1983, for the purposes of flood control, water supply, and recreation. The 30 million cubic yard dam is compacted earth-fill with an impervious core, measuring 319 feet high and 3,000 feet long. Lake Sonoma has a storage capacity of 381,000 acre-feet and a total surface area of 3600 acres. The lake has an ungated spillway designed for a maximum release of 29,600 cubic feet per second. Major facilities include an anadromous endangered/protected fish hatchery, visitor center complex, park headquarters, electrical power-plant (hydropower), developed campground (100 sites), 15 primitive boat-in/hike-in campgrounds, a 40 mile trail system, marina, two launch ramps, swim beach, and picnic areas. Eight thousand acres of the park's 17,000 acres is a wildlife management area, managed under a license with the California State Department of Fish and Game. This park receives well over 469,000 visitors a year and annually collects \$112,000 in users fees, which is returned to the treasury.

TOTAL FUNDING:

TOTAL COST:	\$ N/A
FEDERAL COST:	\$ N/A
NON-FEDERAL COST:	\$ N/A
TOTAL FEDERAL COST THROUGH FY 2007:	\$ N/A
FY 2008 BUDGET:	\$ 6,893,000
COST TO COMPLETE:	\$ N/A

FY 07 AND 08 ACCOMPLISHMENTS: Normal annual operation of project for flood control, recreational and environmental stewardship purposes. FY 08 activities will also include horizontal drain cleaning and outlet channel erosion repair. Plans and specifications have been, or will be, completed for other various backlog maintenance issues including control tower seepage repair; contamination study and monitoring; campground water supply; replacement fish hatchery housing; spillway inlet channel repair; and flood inundation maps. The Major Rehabilitation Study for a new emergency water supply line started in FY 06 will be continued.

ISSUES AND OTHER INFORMATION: To adequately mitigate for the loss of spawning habitat for the listed endangered fish of this river system, a filtration system to safe guard the listed fish at the hatchery has to be provided. The fish hatchery is designed to mitigate for three federally listed endangered species, steelhead trout and Chinook and Coho salmon. Due to lack of success in the past decades, and in cooperation with California Department of Fish and Game and National Marine Fisheries Service, the Corps has initiated a new Coho recovery program. To date this program seems to be succeeding.

CONGRESSIONAL INTEREST: 1st District, Rep. Mike Thompson; 6th District, Rep. Lynn Woolsey

POINT OF CONTACT: Deputy District Engineer for Civil Works, Arijis Rakstins, 415-503-6720