

SWP Timeline

- 1960** Voters approve the bond act to finance the State Water Project construction.
- 1961** Frenchman Lake and Dam
- 1962** South Bay Aqueduct, Patterson Reservoir
- 1964** Antelope Lake and Dam
- 1965** Santa Clara Terminal Reservoir
- 1966** Dos Amigos Pumping Plant
- 1967** Lake Davis and Grizzly Valley Dam, Hyatt Powerplant, Feather River Fish Hatchery, Feather River Fish Barrier Pool, North Bay Aqueduct Phase I (Napa Turnout Reservoir), Bethany Reservoir and Dam, Gianelli Pumping-Generating Plant, San Luis Reservoir and Sisk Dam, Quail Lake and Dam, Little Panoche Reservoir, Los Banos Reservoir, O'Neill Forebay.
- 1968** Oroville Lake and Dam, Thermalito Afterbay, Thermalito Diversion Pool, Thermalito Forebay, California Aqueduct, Coastal Branch Aqueduct Phase I (included Las Perillas and Badger Hill Pumping Plants).
- 1969** Thermalito Pumping-Generating Plant, South Bay Pumping Plant, Lake Del Valle and Dam, and Del Valle Pumping Plant, Clifton Court Forebay and Dam, Banks Pumping Plant (added four pumps in 1986).
- 1970** Skinner Fish Facility (added second building with three holding tanks in 1992)
- 1971** California Aqueduct's Check structures and water delivery turnouts, Tehachapi Afterbay, Silverwood Lake and Cedar Springs Dam.
- 1972** Buena Vista Pumping Plant, Teerink Pumping Plant, Oso Pumping Plant.
- 1973** Chrisman Pumping Plant, Edmonston Pumping Plant, Pyramid Lake and Dam, Pearblossom Pumping Plant, Castaic Powerplant.
- 1974** Castaic Lake, Lagoon and dam, Elderberry Forebay, Devil Canyon Powerplant, Devil Canyon Afterbay, Lake Perris and Dam.
- 1982** West Branch (William Warne Powerplant)
- 1985** Alamo Powerplant
- 1987** Thermalito Diversion Dam Powerplant
- 1988** North Bay Aqueduct Phase II (Cordelia Pumping Plant to Barker Slough Pumping Plant, Cordelia Pumping Plant Forebay)
- 1989** Suisun Marsh Salinity Control Gates
- 1995** Devil Canyon Second Afterbay
- 1996** Mojave Siphon Powerplant
- 1998** Coastal Branch Phase II (Coastal Branch Tank 1,2,5, Devil's Den, Bluestone, and Polonio Pass Pumping Plants)
- 2003** East Branch Extension Phase I (Crafton Hills Reservoir and Greenspot, Crafton Hills, Cherry Valley Pump Stations)
- 2006** Tehachapi East Afterbay
- 2010** 50th Anniversary of the SWP, year-long exhibit honoring the SWP at The California Museum



SWP
50 YEARS & COUNTING

1960 - 2010

The State Water Project

In marking the 50th Anniversary of the passage of the Burns-Porter Act in 1960, we celebrate a half century of water progress since voters authorized \$1.75 billion in bonds to build the State Water Project's initial facilities.

The California State Water Project, spanning more than 600 miles from Northern California to Southern California, is the largest state-built, multi-purpose, user-financed, water project in the United States.

More than 25 million Californians receive at least some of their drinking water from the SWP, which also provides water for 750,000 acres of California's irrigated farmlands.

Design and construction of the SWP ranks as a major public works achievement, as validated by the SWP's selection in 2001 by the American Society of Civil Engineers as one of the greatest American engineering achievements of the 20th Century. (The only other structure in California so honored is the Golden Gate Bridge.)

State Water Project Facts and Figures

GENERAL SWP INFORMATION

Miles of Aqueducts, Canals, and Pipelines.....	701 miles
Number of Storage Facilities.....	34
Number of Pumping Plants.....	20
Number of Pumping-Generating Plants.....	4
Number of Hydroelectric Powerplants.....	5
Highest Dam Structure.....	770 feet (Oroville)
Designed Time for Water to move from Oroville to the Delta.....	3 days
Designed Time for Water to move from Delta to Lake Perris.....	15 days
Average Yearly Delivery.....	2.4 million acre-feet
Highest Delivery 2006.....	3.7 million acre-feet
Lowest Allocation 1991.....	30% urban/0% agriculture
Highest Single Year Generation.....	8.6 billion kWh

THE CALIFORNIA AQUEDUCT

Length of Main Channel.....	444 miles
Widest Part of Canal.....	50 feet at bottom & 110 feet at top
Deepest Part of Canal.....	32.8 feet
Average Velocity of Water.....	3 mph

