

W.P. Whitsett Intake Pumping Plant

Organization

Authority: The Metropolitan Water District Act (California Statutes 1927)

Incorporated: Dec. 6, 1928

First Board Meeting: Dec. 29, 1928

Mission: To provide Metropolitan's service area with adequate and reliable supplies of high-quality water to meet present and future needs in an environmentally and economically responsible way

Imported Water Sources: Colorado River and California State Water Project

Service Area: About 5,200 square miles in Los Angeles, Orange, San Diego, Riverside, San Bernardino and Ventura counties

Service Area Population: 19 million

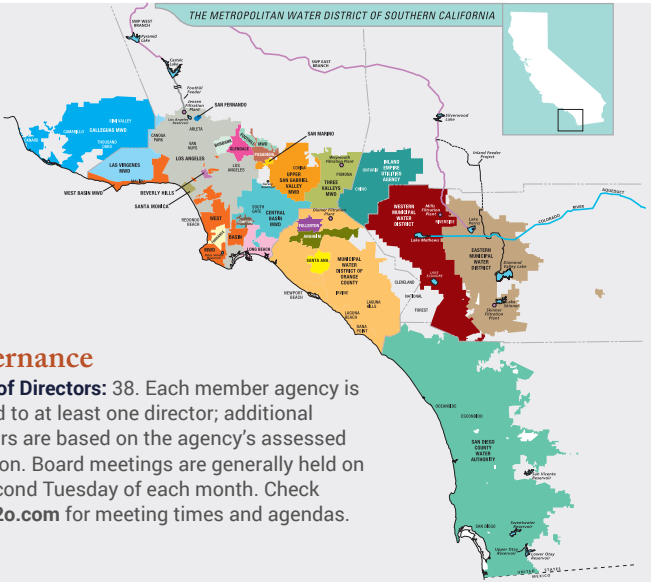
Member Agencies: 26

Founding Cities (December 1928): Anaheim, Beverly Hills, Burbank, Colton*, Glendale, Los Angeles, Pasadena, San Bernardino*, San Marino, Santa Ana and Santa Monica. * Withdrew in 1931

Subsequent Member Agency Cities: Cities of Fullerton (joined 1931), Long Beach (1931), Torrance (1931), Compton (1931), and San Fernando (1971)

Municipal Water Districts: West Basin MWD (1948), Inland Empire Utilities Agency (1950), Three Valleys MWD (1950), Eastern MWD (1951), MWD of Orange County (1951), Foothill MWD (1953), Central Basin MWD (1954), Western MWD (1954), Calleguas MWD (1960), Las Virgenes MWD (1960), and Upper San Gabriel Valley MWD (1963)

County Water Authority: San Diego (1946)



Governance

Board of Directors: 38. Each member agency is entitled to at least one director; additional directors are based on the agency's assessed valuation. Board meetings are generally held on the second Tuesday of each month. Check mwdh2o.com for meeting times and agendas.

Facilities

Colorado River Aqueduct - owned and operated by Metropolitan

Length: 242 miles from Lake Havasu to Lake Mathews, Riverside

Construction: Began 1933, completed 1939; CRA and regional distribution system operational 1941

Capacity: 1.3 million acre-feet annually (one acre-foot = 325,851 gallons) equivalent to the amount used by three Southern California households in a year

Pumping Plants (east to west): W.P. Whitsett Intake (lift 291 ft.); Gene (303 ft.); Iron Mountain (144 ft.); Eagle Mountain (438 ft.); Julian Hinds (441 ft.); Total lift 1,617 feet

Siphons: 144, totaling 29 miles

Tunnels: 29, totaling 92 miles

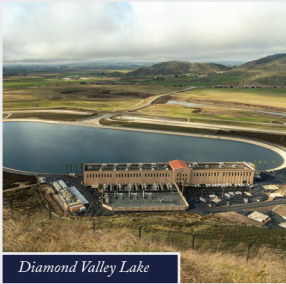
Canals: 63 miles

Conduits and Pipeline: 58 miles

Design Capacity: 1,605 cubic feet per second



Joseph Jensen Water Treatment Plant



Diamond Valley Lake

Water Treatment Plants: Joseph Jensen, Granada Hills (capacity 750 million gallons per day); Robert A. Skinner, Winchester (350 mgd); F.E. Weymouth, La Verne (520 mgd); Robert B. Diemer, Yorba Linda (520 mgd); and Henry J. Mills, Riverside (220 mgd)

Reservoirs: Diamond Valley Lake, Hemet, capacity 810,000 AF; Lake Mathews,

Riverside, 182,000 AF; Lake Skinner, Winchester, 44,000 AF; Copper Basin, Gene, 24,200 AF; Gene Wash, Gene, 6,300 AF; Live Oak, La Verne, 2,500 AF; Garvey, Monterey Park, 1,600 AF; Palos Verdes, Rolling Hills, 1,100 AF; and Orange County, Brea, 212 AF

Total Reservoir Storage Capacity: 1,072,000 AF

Distribution System: 830 miles of pipelines and tunnels; about 400 connections to member agencies

Hydroelectric Plants: 16; nameplate capacity 131 megawatts

State Water Project: Metropolitan has participation rights in the SWP pursuant to the State Water Contract, first signed on Nov. 4, 1960. The SWP, the nation's largest state-built, multipurpose, user-financed project, includes the 444-mile California Aqueduct, Lake Oroville and San Luis Reservoir.

Pure Water Southern California: Metropolitan and the Los Angeles County Sanitation Districts are partnering to develop a new source of local water. If fully realized, purified recycled water from an advanced water purification facility would produce up to 150 million gallons daily, enough to serve about 500,000 households.

Supply, Deliveries & Water Transactions

(Metropolitan is a wholesaler to its 26 member agencies)

Average Daily Delivery: 4,100 AF (5-year avg. as of Dec. 31, 2021)

Record Daily Delivery: 9,872 AF on June 28, 1994

Record Annual Water Transactions: 2.5 million AF in 1990

Budgeted Water Transactions Assumption: 1.59 MAF for CY 2022/23 and 1.54 MAF in CY 2023/24

Unit Price (full service): Effective Jan. 1, 2022, rates are \$1,143 per AF for treated water, and \$799 per AF for untreated water. Effective Jan. 1, 2023, rates are \$1,209 per AF (treated) and \$855 per AF (untreated), and effective Jan. 1, 2024, rates are \$1,256 per AF (treated) and \$903 per AF (untreated).

Finance & Administration

Water Revenue Bond Ratings: S&P AAA; Moody's Aa1; Fitch AA+

Biennial Budget: Jul. 1, 2022 – Jun. 30, 2023: \$2.140 billion

Jul. 1, 2023 – Jun. 30, 2024: \$2.254 billion

Capital Projects: \$250 million (FY 2022/23) \$250 million (FY 2023/24)

Employees: 1,929 regular employees FY 2022/23; 1,929 regular employees FY 2023/24

Fund Sources: Water rates and charges, 71%; fund withdrawals, 9%; taxes, 7%; hydroelectric sales and miscellaneous income, 3%; other, 10% (Biennial Budget FY 2022/23, FY 2023/24)

Uses of Funds: State Water Project payments, 29%; operations & maintenance, 25%; debt service, 12%; construction, 15%; fund deposits, 9%; demand management programs, 2%; supply programs, 3%; and Colorado River power, 4%; other 1% (Biennial Budget FY 2022/23, FY 2023/24)



State Water Project (photo courtesy of DWR)



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