



EMWD INSIGHTS

HISTORY

□ In the face of declining groundwater and continuing droughts, Eastern Municipal Water District was formed in 1950 to secure additional water for a lightly populated area of western Riverside County. It is authorized under the Municipal Water District Act of 1911 and delineated in the California Water Code (Section 70000 to end). In 1951, EMWD joined The Metropolitan Water District of Southern California (MWD).

□ In addition to water service, responsibilities now include sewage collection and water recycling.

□ Service area: 555 square miles, and a population that totals about 675,000.

WATER SUPPLY

□ 18 domestic production wells provide less than one quarter of the supply, with the remainder imported from MWD through its Colorado River Aqueduct and its connections to the State Water Project. In total, EMWD sold 124,000 acre-feet (AF) of fresh water in 2008

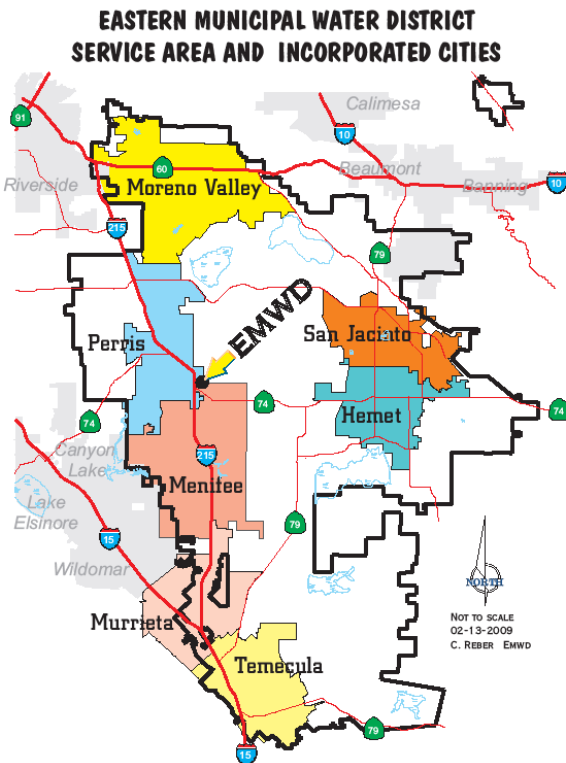
(One acre-foot is 325,900 gallons, or as much as two families use in and around their homes in one year).



□ Reflecting continued urbanization, some 137,000 domestic customers used 93 percent of fresh water deliveries. The remaining seven percent went to agriculture. EMWD also sells to eight other water agencies, which in turn, serve their own customers. They are Elsinore Valley MWD, Western MWD of Riverside County, Lake Hemet MWD, City of Perris, City of Hemet, Nuevo Water Company, City of San Jacinto and Rancho California Water District.

WATER STORAGE

□ EMWD maintains 82 tanks that hold more than 194 million gallons of water. These tanks serve 60 different pressure zones.



CUSTOMER REPRESENTATION & POLICY MAKING

SEWER

□ Field crews maintain 1,720 miles of existing pipelines and 47 active lift stations. Four treatment plants typically reclaim 46 million gallons a day from an estimated 223,000 connections, including those served by local water agencies and municipalities.

WATER RECYCLING

□ EMWD produces two levels of treatment:

Secondary treatment employs biological oxidation to remove nearly all suspended solids and other impurities.

Tertiary treatment incorporates the highest level of treatment, effectively removing bacteria, viruses and virtually all suspended solids. At this level, reclaimed water can be used for most any purpose in California short of direct human consumption.

During 2008, EMWD sold 25,000 AF of recycled water.

| Regional Water Reclamation Facilities (Capacity in millions of gallons/day) | |
|--|---------------|
| Moreno Valley | 16 |
| San Jacinto Valley | 11 |
| Perris Valley | 11 |
| Temecula Valley | 18 |
| Total current capacity | 56 mgd |

FINANCES

□ Nearly half of all revenues are derived from water sales; about one-fourth from sewer service; remainder from property tax, standby assessments and interest income.

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| Fiscal Year 2008-09 Budget: \$225 million |
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| EMWD Board of Directors | |
|-------------------------|-----------------------------------|
| Division 1 | Philip E. Paule |
| Division 2 | Joseph J. Kuebler, Vice President |
| Division 3 | Randy A. Record |
| Division 4 | Ronald W. Sullivan, President |
| Division 5 | David J. Slawson |

□ Five directors each represent comparably sized populations and are elected to four-year terms on the basis of one vote per registered voter. Public board meetings are generally held twice monthly. In addition, **Randy Record** represents EMWD on the board of the Metropolitan Water District of Southern California.

STAFF ORGANIZATION

□ An *EXECUTIVE OFFICE* includes an EMWD board-appointed General Manager (**Anthony J. Pack**), assisted by a Deputy General Manager (**P. Ravishanker**).

Three branches are led by Assistant General Managers:

□ *OPERATIONS & MAINTENANCE* (**Mike Luker**) includes maintenance, water operations, water reclamation, purchasing and contracting.

□ *ENGINEERING* (**Charles Bachmann**) provides in-house engineering, design and inspection services.

□ *RESOURCE DEVELOPMENT* (**Bruce Mortazavi**) acts in an R&D capacity to augment local resources, and also oversees regulatory compliance and information system.

□ The Chief Financial Officer is **Charles E. Rathbone, Jr.**