

DIRECTOR OF ENGINEERING

Coachella Valley Water District

(Palm Desert, CA)





THE COMMUNITY

The Coachella Valley (Valley) includes the desert cities of Palm Springs, Cathedral City, Rancho Mirage, Palm Desert, La Quinta, Indian Wells, Desert Hot Springs, Indio and Coachella. It was one of the fastest growing regions in Southern California and offers an ideal place to work, play and raise a family. Decades ago, the Hollywood elite discovered the Valley as a place for fun, sun and relaxation. Since then, several hundred thousand residents have discovered the Valley as a year round home.

The Valley has created a national and international reputation for having a luxury resort lifestyle. It is home to world class resorts such as the La Quinta Resort & Club, Renaissance Esmeralda, Miramonte Resort and Marriott's Desert Springs Resort and Spa.

Millions of tourists each year visit the Valley to enjoy its shimmering pools, challenging fairways and five-star resorts. The Valley is also recognized as the golf, tennis and polo capital of the west. The Valley plays host to many internationally known golf events such as the Humana Challenge (PGA Tour) and the Nabisco Dinah Shore Tournament (LPGA Tour). The BNP Paribas Open (USTA) is featured at the Indian Wells Tennis Garden and international polo matches in Indio annually attract a worldwide audience.

The Valley's population is projected to double in the next 35 years. The weather in the Valley has abundant sunshine, clear blue skies, low humidity, warm temperatures and only a hint of rain. The blue skies and sunshine are the norm in the Valley more than 350 days a year.

THE COACHELLA VALLEY WATER DISTRICT

Coachella Valley Water District (CVWD) is unique in that it provides several water-related services:

- Domestic water
- Sanitation (wastewater treatment)
- Recycled (nonpotable) water
- Irrigation with imported water and agricultural drainage
- Groundwater replenishment
- Regional stormwater protection
- Management of the Coachella Valley's multitude of water resources and conservation

CVWD has a rich history that dates back to 1918. All drinking water comes from a vast aquifer, and CVWD imports Colorado River water via a 123-mile canal for agricultural and golf course irrigation. Groundwater replenishment occurs at three facilities. CVWD was among the original signatories to the Party of Seven Agreement of 1931, which divided California's share of Colorado River water. CVWD is a State Water Contractor with an entitlement that, when combined with that of neighboring Desert Water Agency, is the equivalent to the third largest entitlement in the state. Only one other agency in California has entitlements to Colorado River and State Water Project water.

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CVWD's mission is "To meet the water related needs of the people through dedicated employees providing high quality water at reasonable cost." CVWD has offices located in the cities of Palm Desert and Coachella and has nearly 1,000 square miles within its boundaries. Most of the service area is in Riverside County, but CVWD also extends into Imperial and San Diego counties. A governing five-member Board of Directors is elected from five geographic divisions for four-year terms.

Some data from each of the services is provided here: six water service functions and statistics (end of 2015) are summarized below:

Domestic Water

- Population Served - 318,217
 - Active Accounts - 109,167
 - Average Daily Demand - 74.9 mgd*
 - Active Wells - 92
 - Distribution Reservoirs - 61
 - Distribution Piping - 1,993 miles
- *mgd: million gallons a day

Sanitation (Wastewater)

- Population Served - 272,982
- Active Accounts - 93,969
- Average Daily Flow - 17.04 mgd
- Wastewater Reclamation Facilities - 5
- Total daily plant capacity - 33.5 mgd
- Collection System Piping - 1,129 miles

Nonpotable Water*

- Active Accounts - 46
 - Nonpotable water deliveries - 35,356 af**
 - Total daily capacity - 18 mgd
 - Reclamation Plants producing recycled water - 3
 - Distribution piping system - 29.5 miles
- *Includes imported/recycled water
** af: acre-feet

Canal Irrigation & Drainage

- Irrigable Acres - 76,456
- Active Accounts - 1,190
- Total Water Delivered - 327-010 af
- Irrigation Distribution System - 485 miles
- Coachella Canal - 123 miles
- Farm Drainage Area - 37,425 acres
- On Farm Drainage Piping - 2,298 miles
- CVWD Open Drains - 21 miles
- CVWD-Pipe Drains - 166 miles

Stormwater

- Service Area - 381,479 acres
- Stormwater Channels - 16
- Length of Whitewater River/Coachella Stormwater Channel - 49 miles
- Length of Stormwater Facilities - 134 miles

Groundwater Management

(in Cooperation with Desert Water Agency)

- Replenishment Facilities 3
- Replenishment from imported water -38,298 af
- Imported supply since 1973 - 3,309,508 af

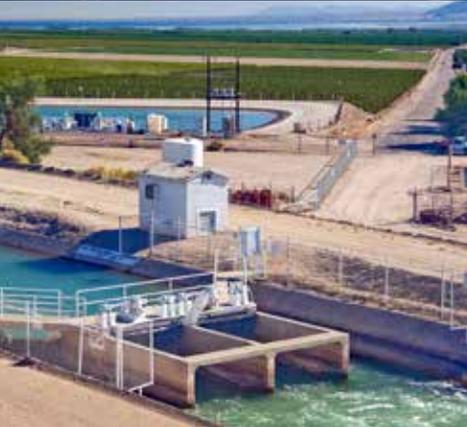
CVWD's five-year Capital Improvement Plan (CIP) is approximately \$701 million. Currently, CVWD has a staff of more than 500. For more information, please visit www.cvwd.org.

THE ENGINEERING DEPARTMENT

The primary responsibilities of the District's Engineering Department include design, construction, and inspection of: water resources, domestic water, sanitation (wastewater), nonpotable water, irrigation/drainage, stormwater, and groundwater replenishment facilities. Engineering is also responsible for coordinating with developers to expand the water resource facilities related to developmental growth. Engineering maintains District infrastructure drawings and maps and assists with rate-making and setting various fees and charges.

The Department consists of the following divisions:

- **Administration** - provides overall management support and leadership to ensure the Engineering Department's mission and goals are accomplished.



- **Stormwater/Irrigation/Electrical/Construction Administration** - responsible for the planning, design, and construction of the District's irrigation/drainage, stormwater, and electrical facilities. The irrigation system is owned by the United States Bureau of Reclamation (USBR), with operations and maintenance (O&M) responsibilities belonging to the District. This division coordinates design, construction, and O&M activities with the USBR. This division manages the District's energy programs. In addition, this division has overall responsibility for capital project construction administration, including construction inspection.
- **Domestic Water/General District** - responsible for the planning, design, and construction of the District's domestic water and general District facilities. This division also establishes developer connection fees, including the Water System Backup Facilities Charge (WSBFC), and prepares hydraulic model studies to assist developers with sizing infrastructure for planned development.
- **Sanitation/Nonpotable** - responsible for the planning, design, and construction of the District's sanitation and nonpotable facilities. Moreover, this division establishes developer connection fees, including the Sanitation Capacity Charge (SCC), and prepares hydraulic model studies to assist developers with sizing infrastructure for planned development.
- **Engineering Services** - consists of Technical Services (Computer-Aided Drafting [CAD] and plan checking), Right-of-Way (ROW), Survey, and Development Services. The ROW group monitors, reviews, and approves activities related to the District's fee-owned land and easements, including encroachment permits, lease agreements, and license/consent applications for use of USBR ROW. Development Services is responsible for coordinating the expansion of water resource facilities related to developmental growth. This division coordinates developer meetings, establishes new customer accounts, tracks infrastructure plan submittal, and developer fees.
- **Supplemental Water Program Support** - provides technical support for the Colorado River and the State Water Project (SWP) activities.

The Engineering Department has a total of 45 employees and an Operating Budgeting (FY 2015-16) of \$10,695,000.

THE POSITION

Under general direction, the Director of Engineering directs, coordinates, and exercises functional authority for the; (1) planning, design and construction of CVWD capital assets (domestic water, wastewater (sanitation), nonpotable water, stormwater, irrigation/drainage, groundwater recharge and general district, (2) construction management and inspection, (3) management of CVWD right-of-way and encroachment permit system, (4) survey and technical services, (5) development services, (6) Colorado River and State Water Project program support and (7) other duties as assigned.

The Director of Engineering directly supervises the following positions: Engineering Managers (5) and Administrative Staff (2). The position is open due to the upcoming retirement of the incumbent.

For a detailed job description, please visit www.alliancerc.com.

DIRECTOR OF ENGINEERING

Coachella Valley Water District

TOP PRIORITIES

The incoming Director of Engineering will focus on the following areas:

- Creating and managing a new asset management program.
- Reviewing the current workforce and making necessary adjustments for better efficiency.
- Working with other agencies on development services. As the region recovers from the recent recession, anticipated growth is being forecasted cautiously. Together, with other agencies, the Director will need to address water issues and potential development opportunities.
- Administering the two-year capital improvement program. Several large projects are planned such as the \$250 million Chromium-6 project to address the state of California's revised drinking water standards.
- Overseeing construction of a new Critical Service Support Facility. Pending Board approval, this will be a \$12 million to \$13 million project.

THE IDEAL CANDIDATE

The ideal candidate will be a well-rounded civil engineer with outstanding written and verbal communication skills. The selected candidate will have experience in the design and construction of domestic water, wastewater (sanitation), nonpotable water, stormwater, irrigation/drainage, groundwater recharge and general district systems/facilities. This candidate will understand public financing, and operating and capital budget development. He/She will also have experience administering a capital improvement program.

The ideal candidate will be a seasoned and collaborative manager who holds the department accountable. This person will be a leader who is able to bring together the various divisions within the department and work together towards a common goal. He/She will be active with professional groups and able to network. He/She will be confident, able to delegate and able to stay current on the latest trends and best practices in the water industry. Lastly, this person will be comfortable presenting to the Board of Directors.

Education, Experience and Certifications

- Requires a bachelor's degree in civil engineering. A master's degree in engineering, business administration, or public administration is preferred; and
Ten years of broad and extensive senior management experience in the operation, planning, design, construction and maintenance of domestic water, wastewater (sanitation), nonpotable water, stormwater, irrigation/drainage, groundwater recharge and general district facilities.
- Possession of (or the ability to obtain within two years) a valid certification of registration as a Civil Engineer issued by the State of California.
- Valid California Operators license issued by the State Department of Motor Vehicles. Department of Motor Vehicles driving record may influence employment or classification.
- Candidates should have knowledge of federal, state and local laws and regulations relating to water rights, water development and stormwater control, as well as knowledge of federal and state water quality programs including the Safe Drinking Water Act and the Clean Water Act.
- Experience with federal, state and local environmental law and regulations and environmental compliance programs are also required.
- Familiarity with the Law of the River (Colorado River) and California State Water Project is preferred.

COMPENSATION

The salary range for this position is \$171,540 to \$225,768 and will be dependent upon the qualifications and experience of the selected candidate. In addition, benefits are provided which include: health, dental, and vision insurance; participation in the California Public Employees' Retirement System; holidays (13 per year); vacation; sick leave; Deferred Compensation programs including 457 and 401A plans, and educational reimbursement. Relocation assistance is also offered.

HOW TO APPLY

Please apply **on-line** by **October 7, 2016** at www.allianceRC.com. For questions and inquiries, please contact:

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