JOB DESCRIPTION

Coachella Valley Water District                          Date: September 1, 2007

TITLE: Engineer Manager                  SECTION: Water Quality, Water Resources, Source Control, Biology and Environmental

DEPARTMENT: Engineering                     SRN

REPORTING RELATIONSHIP:

Reports to: Director of Engineering

Supervises the following positions: Laboratory Director, Water Resources Supervisor, Source Control Supervisor, Biologist and Senior Environmental Specialist.

DEFINITION: Under general direction, to plan, coordinate, schedule and direct: (1) water quality sampling & analysis to ensure compliance with local, state and federal water quality regulations, (2) groundwater and surface water assets, water rights and usage, (3) permitting, inspection and compliance monitoring of commercial wastewater accounts, (4) compliance with local, state and federal environmental laws and regulations and (5) compliance with biological resources/habitat programs and regulations, including supervision of this section; and to do related work as required.

ESSENTIAL FUNCTIONS:

1. Oversees water quality sampling and analysis programs to ensure compliance with local, state and federal water quality regulations, e.g. Clean Water Act (CWA), Safe Drinking Water Act (SDWA), National Pollution Discharge Elimination System (NPDES), Total Maximum Daily Load (TMDL) programs, etc.

2. Oversees the inventory of CVWD groundwater and surface water assets including water rights and water usage.

3. Oversees the State of California Well Numbering program for the Coachella Valley.

4. Oversees the permitting, inspection and compliance monitoring of CVWD commercial sanitation accounts to ensure compliance with CVWD Rules and Regulations for Sanitation Service.

5. Oversees the development of appropriate environmental documents to achieve environmental compliance for CVWD capital projects and maintenance activities.

6. Coordinates closely with the Director of Engineering and Environmental Assessment Committee (EAC) Chairperson in the preparation of documents, agendas, and schedules for EAC meetings.
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ESSENTIAL FUNCTIONS (Continued)

7. Oversees biological habitat programs to ensure compliance with environmental regulations and multi-species habitat conservation programs.

8. Oversees water quality, water resource, environmental and biological research that provides practical scientific information to improve CVWD performance.

9. Provides technical assistance for various CVWD digital presentations including Board of Director meetings.

10. Prepares annual operating and capital budgets for consideration by District Board of Directors.

11. Supervises and evaluates Engineering Services staff.

MINIMUM QUALIFICATIONS:

License or Certificates: Valid California Operators license issued by the State Department of Motor Vehicles. Department of Motor Vehicles driving record may influence employment or classification.

Education and Experience: Any combination of training and experience which would likely provide the required knowledge and abilities. A typical candidate must have successfully completed a four year degree program from a recognized college or university with a major in environmental science, biology, environmental engineering or a closely related field and a minimum of 10 years of broad and extensive experience in water quality, water resource, source control, environmental and biological management at least 5 years of increasing responsibility in supervisory experience in one or more of these areas.

Knowledge of:

- Clean Water Act (CWA), Safe Drinking Water Act (SDWA), National Pollution Discharge Elimination System (NPDES), Total Maximum Daily Load (TMDL) programs
- Water Quality Laboratory Operations & Certification
- California Water Rights laws and regulation
- California Well Numbering System
- CVWD Rules & Regulations
- Sanitation System Source Control principles, laws and regulation
- National Environmental Policy Act (NEPA) & California Environmental Quality Act (CEQA)
- Environmental Impact Reports (EIRs)
Knowledge of (Continued):

- Archaeological/Cultural laws and regulations
- Ecological principals
- Multi-Species Habitat Conservation Plans
- Water Quality, Environmental and Biological Research Procedures
- Technical report writing
- Principles of supervision and management

Abilities:

- Plan, organize, and supervise the work of subordinate engineering personnel
- Development of long term water quality, water resource, source control, environmental and biological programs
- Work effectively with local, state and federal regulators
- Conduct scientific research
- Prepare detailed analyses and comprehensive scientific reports and recommendations
- Work cooperatively with others
- Communicate effectively both verbally and in writing.

PHYSICAL REQUIREMENTS:

1. Drives District vehicle to job sites which may include over rough terrain.

2. May work in extreme weather conditions including heat and rain.

See Human Resources for physical assessment form.