



THE METROPOLITAN WATER DISTRICT  
OF SOUTHERN CALIFORNIA

## SENIOR WATER QUALITY TECHNICIAN

<b>Group-Section:</b> Water System Operations Group	<b>FLSA Status:</b> Non-Exempt <b>Bargaining Unit:</b> AFSCME	<b>Salary Grade:</b> 48 <b>Job #:</b> XA69
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### JOB SUMMARY

This is the advanced journey level position performing Senior Water Quality Technician job duties.

### DISTINGUISHING CHARACTERISTICS

Positions at this level are recognized as technical specialist using initiative and resourcefulness in deviating from traditional methods or researching trends and patterns to develop new methods, criteria, or proposed new policies. Decisions regarding what needs to be done includes interpreting data, planning of the work, or refining the methods and techniques to be used. The work involves formulating projects; assessing program effectiveness; or analyzing variety of unusual conditions, problems, or questions. The work product or service may affect activities, or the operation of other organizations.

### OVERSIGHT

**Supervision Received:** The supervisor sets the overall objectives and resources available. The employee and supervisor, in consultation, develop the deadlines, projects, and work to be done. At this level, the employee, having developed expertise in the line of work, is responsible for planning and carrying out the assignment; resolving most of the conflicts that arise; coordinating the work with others as necessary; and interpreting policy on own initiative in terms of established objectives. In some assignments, the employee also determines the approach to be taken and the methodology to be used. The employee keeps the supervisor informed of progress, potentially controversial matters, or far-reaching implications. Completed work is reviewed only from an overall standpoint in terms of feasibility, compatibility with other work, or effectiveness in meeting requirements or expected results.

**Supervision Given:** Acts as a lead. Coordinates and reviews work assignments of employees performing the same general work as the lead on a day-to-day basis. Responsibilities may involve solving problems and providing instructions on work procedures.

### JOB DUTIES

1. Leads and trains; may develop technical training materials.
2. Leads and conducts analyses and investigations of water quality issues, prepares reports and makes recommendations.
3. Leads and conducts water quality studies, tests, inspections and research.
4. Interacts with outside entities to exchange information and resolves water quality issues.
5. May develop, negotiate and administer professional services agreements; may oversee the work of vendors, consultants and contractors.
6. Acts as Project Manager; plans, coordinates, and conducts projects including monitoring scope, quality, budget, and schedule.

7. Oversees, operates and maintains research facilities and equipment.
8. Provides emergency response.
9. Performs other related Water Quality Technician job duties as required.

## **EMPLOYMENT STANDARDS**

### **MINIMUM QUALIFICATIONS**

**Education and Experience:** High school diploma or general education development test (GED) and eight years of relevant experience, or two years experience as a MWD Water Quality Technician III.

**Required Knowledge of:** Drinking water regulations; water conveyance and distribution systems; water treatment processes; water chemistry; mathematics; health and safety requirements; project management; and current office equipment and technology.

**Required Skills and Abilities to:** Develop, prepare, and deliver presentations; perform calculations; use and create spreadsheets; apply safe work practices; read and understand contract specifications, and drawings; manage projects; negotiate; use independent judgment and exercise discretion; problem solve; prioritize and multi-task; communicate clearly and concisely, both verbally and in writing; establish and maintain effective working relationships with those contacted in the course of work; work independently and in a team environment; lead and train; and operate current office equipment including computers and supporting applications.

### **CERTIFICATES, LICENSES, AND REGISTRATIONS REQUIREMENTS**

Employees in this position may be required to obtain and maintain the following certifications, licensing, and registrations:

#### **Certificates**

- None

#### **Licenses**

- Valid California Class C Driver License that allows you to drive in the course of your employment

#### **Registrations**

- None

### **PHYSICAL DEMANDS, WORK ENVIRONMENT, AND VISION REQUIREMENTS**

The physical demands and work environment characteristics described here are representative of those that must be met or may be encountered by an employee to successfully perform the job duties of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the job duties.

**Physical Demands:** The work requires some physical exertion such as long periods of standing; walking over rough, uneven, or rocky surfaces; recurring bending, crouching, stooping, stretching, reaching, or similar activities; recurring lifting of moderately heavy items such as personal computers and record boxes. The work may require specific, but common, physical characteristics and abilities such as above-average agility and dexterity.

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**Work Environment:** The work involves moderate risks or discomforts that require special safety precautions, e.g., working around moving parts, carts, or machines, or irritant chemicals; etc. Employees may be required to use protective clothing or gear such as masks, gowns, coats, boots, goggles, gloves, or shields.

**Vision Requirements:** No special vision requirements.