



THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

WATER QUALITY TECHNICIAN III

Group-Section: Water System Operations Group	FLSA Status: Non-Exempt Bargaining Unit: AFSCME	Salary Grade: 43 Job #: XA68
--	--	---

JOB SUMMARY

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

DISTINGUISHING CHARACTERISTICS

Positions at this level are fully competent and apply the full range of specialized skills and job knowledge in area of specialization; adapts procedures, operations, techniques, tools, materials, and/or equipment to meet needs of area of specialization. Uses judgment in interpreting and adapting guidelines such as policies, regulations, precedents, and work directions for application to specific cases or problems. The decision regarding what needs to be done depends upon the analysis of the subject, phase, or issues involved in each assignment, and the chosen course of action may have to be selected from many alternatives. The work involves treating a variety of conventional problems, questions, or situations in conformance with established criteria.

OVERSIGHT

Supervision Received: The supervisor makes assignments by defining objectives, priorities, and deadlines; and assists employee with unusual situations that do not have clear precedents. The employee plans and carries out the successive steps and handles problems and deviations in the work assignment in accordance with instructions, policies, previous training, or accepted practices in the occupation. Completed work is usually evaluated for technical soundness, appropriateness, and conformity to policy and requirements. The methods used in arriving at the end results are not usually reviewed in detail.

Supervision Given: None

JOB DUTIES

1. May develop technical training materials.
2. Conducts analyses and investigations of water quality issues, prepares reports and makes recommendations.
3. Conducts water quality studies, tests, inspections and research.
4. Maintains water quality related databases and records.
5. Interacts with outside entities to exchange information and addresses water quality issues; escalates unresolved issues.
6. Assists with developing and administering professional services agreements.
7. May participate on a project team.

8. Operates and maintains research facilities and equipment.
9. Provides emergency response.
10. 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 six years of relevant experience; or two years experience as a MWD Water Quality Technician II.

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

Required Skills and Abilities to: Make presentations; perform calculations; use and create spreadsheets; apply safe work practices; read and understand contract specifications, and drawings; analyze; 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; 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.

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.