



THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

WATER SAMPLING FIELD TECHNICIAN

Group-Section: Water System Operations Group	FLSA Status: Non-Exempt Bargaining Unit: AFSCME	Salary Grade: 33 Job #: XA70A
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JOB SUMMARY

This is the journey level position performing Water Sampling Field Technician 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. Prepares and sets up sample bottles, labels, collection list, chemicals and other supplies and equipment on service vehicles. Collects, stores, and delivers required water samples. May be required to acidify samples at field locations.
2. Performs field water quality analysis, including temperature reading, free and total chlorine residuals and pH levels.
3. Calibrates and maintains field water sampling analysis instrumentation to ensure accuracy in accordance with Metropolitan's Quality Assurance Program.
4. Prepares and maintains sample taps and equipment to ensure integrity of sample quality.
5. Notifies operations control center and supervisor of results that are outside of established action levels and abnormal water quality conditions.

6. Documents sampling data, enters and transfers data to the Water Quality database, and prepares reports.
7. Performs field water quality analysis and collects and delivers water samples during emergencies, earthquakes, or possible distribution system contamination.
8. Fills lab requests and transports lab supplies.
9. Identifies and reports potential leaks, construction and security encroachments, and facility damage.
10. Performs other related Water Sampling Field 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.

Required Knowledge of: Water sampling and collection techniques; and current office technology and equipment.

Required Skills and Abilities to: Perform water quality sample collection and analysis; operate water quality sampling instrumentation equipment; detail oriented; drive long distances in various road and weather conditions; read a map; work alone in remote areas; 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

- State of California Water Treatment Certification Grade II or
- State of California Water Distribution Certification Grade II

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.