



THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

WATER PURIFICATION UNIT MANAGER

Group-Section: Water System Operations Group - Water Quality Section	FLSA Status: Exempt Bargaining Unit: MAPA	Salary Grade: 068 Job #: UM027
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JOB SUMMARY

Responsible for managing and supervising all water purification functions. Area of responsibility includes ensuring water quality regulatory compliance and consumer satisfaction through improved source water quality, optimizing existing treatment and distribution processes, and development of future treatment options.

OVERSIGHT

Oversight Received: Receives general direction from the Section Manager.

Oversight Given: Manages and supervises a staff of managers, professionals, technicians, paraprofessionals, skilled craft, and service maintenance workers.

JOB DUTIES

1. Manages all activities related to water quality regulatory compliance; examines source water quality and investigates proposed changes in the watersheds to improve the quality of the raw water entering the treatment plants; uses technical and complex analyses to substantiate the influence of land use patterns, watershed recreation, and point- and non-point source pollution; and sets operational criteria for both near-term operations and long-term planning to ensure regulatory compliance.
2. Analyzes and reports the drinking water regulatory compliance for all of the treatment plants to the State Water Resources Control Board and the United States Environmental Protection Agency, providing a technical and legal basis that substantiates safe water is being delivered to the consumers.
3. Provides an emergency response service whenever water quality may be compromised in the source water, via treatment, or in the distribution system through a network of plant liaison personnel and water sampling technical staff; and tests and maintains all of the backflow protection devices throughout the service areas to protect the water quality in the distribution system.
4. Provides process design criteria when a capital facility is in the planning stages to ensure water quality goals are achieved; examines new drinking water regulations and emerging water quality issues to determine options to address these concerns; and administers an applied research program that provides design recommendations and operating criteria to other sections.
5. Analyzes technical, scientific, economic, and/or financial information to maintain abreast of current status of the work in progress; and reviews and evaluates proposed agreements, technical documents, scientific manuscripts, and project plans for compliance with applicable standards, guidelines, and objectives.
6. Oversees and participates in the development and administration of the annual budget; participates in the forecast of funds needed for staffing, equipment, materials, and supplies; monitors and approves expenditures; implements adjustments; authorizes purchases; and evaluates and approves bids for consultants and service contracts.

7. Selects and assigns staff ensuring compliance with all hiring and promotion policies and procedures; responds to employee grievances and concerns; coaches and mentors employees; prepares, reviews, and approves performance evaluations; identifies employee development and training requirements; and develops staff recognition programs.
8. Serves as project team member and/or team leader for major projects involving substantial capital improvements, special local, regional or state-wide task forces, joint ventures with member agencies, and other external entities to ensure successful completion of project plans.
9. Represents Section Manager in his/her absence as appointed by the Section or Group Manager.
10. Provides emergency on-call management support and responds to Metropolitan facilities outside of normal business hours.
11. Performs other related duties as required.

EMPLOYMENT STANDARDS

MINIMUM QUALIFICATIONS

Education and Experience: Bachelor's degree from an accredited college or university in engineering or equivalent and twelve years of increasingly responsible relevant experience, of which four years must have been in a management or supervisory position; or an advanced degree from an accredited college or university in engineering or equivalent and ten years of increasingly responsible relevant experience, of which four years must have been in a management or supervisory position.

Required Knowledge of: Drinking water regulations; current and advanced water treatment unit processes; emergency response policies, procedures, and protocol; environmental, health and safety policies and practices and procedures; source water quality issues; environmental engineering principles; current business and organizational management theories and practices; public sector personnel practices and regulations; financial and budgeting practices and procedures; management and supervisory concepts and techniques; team building; budgetary concepts and procedures; relevant federal, state, and local laws; negotiation techniques; project management; contract administration; and trends and emerging technologies of water quality issues.

Required Skills and Abilities to: Manage a diverse work force; plan, organize, and review the work of subordinates; review work products for detail and adherence to guidelines; encourage and facilitate cooperation; mentor, develop, and motivate staff; determine training needs of staff; exercise judgment and discretion; summarize scientific data and see they have practical process engineering application; interpret and analyze results; communicate orally and in writing on administrative and technical topics; write, edit, and review action plans, grant proposals, reports and peer review scientific papers; represent Metropolitan to public agencies, regulatory bodies, special interest groups, and members of the public; represent Metropolitan in negotiations or development of joint projects with external organizations; establish and maintain collaborative working relationships with all levels within the organization, representatives of the scientific community, water industry, regulatory agencies, special interest groups, and the public with specific expertise in the area of potable water or source water quality issues; use business applications such as word processing spreadsheets, database, presentation and engineering,

and scientific applications; and prepare and make presentations on technical issues to peer scientific forums, executive management, Board of Directors, member agencies, and regulatory agencies.

CERTIFICATES, LICENSES, AND REGISTRATIONS REQUIREMENTS

In addition to the driver license and Professional Engineer requirement, employees in this position will be required to obtain and maintain the following certification:

Certificates

- State Water Resources Control Board Grade T2 Water Treatment Operator Certification

Licenses

- Valid California Class C Driver License
- License in good standing as a California Professional Engineer or equivalent

Registrations

- None

DESIRABLE QUALIFICATIONS

- State Water Resources Control Board Grade T5 Water Treatment Operator Certification.

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 essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Physical Demands: The work is sedentary. Typically, the employee may sit comfortably to do the work. However, there may be some walking; standing; bending; carrying of light items such as paper, books, or small parts; driving an automobile, etc. No special physical demands are required to perform the work.

Work Environment: The work environment involves everyday risks or discomforts that require normal safety precautions typical of such places as offices, meeting and training rooms, libraries, and residences or commercial vehicles, e.g., use of safe work practices with office equipment, avoidance of trips and falls, observance of fire regulations and traffic signals, etc. The work area is adequately lighted, heated, and ventilated.

Vision Requirements: No special vision requirements

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Water Purification Unit Manager

US-CA-La Verne

4 days ago

Job ID 2019-1255 **Application Filing Period** April 8, 2019 - May 10, 2019 **# of Openings** 1**Min** USD \$149,677.00/Yr. **Max** USD \$195,853.00/Yr. **Group** WATER SYSTEM OPERATIONS GROUP**Section** WATER QUALITY SECTION

The Water Purification Unit Manager is responsible for managing and supervising all water purification functions. Area of responsibility includes ensuring water quality regulatory compliance and consumer satisfaction through improved source water quality, optimizing existing treatment and distribution processes, and development of future treatment options.

This position manages all activities related to water quality regulatory compliance, examines source water quality and investigates proposed changes in the watersheds to improve the quality of the raw water entering the treatment plants, and sets operational criteria for both near-term operations and long-term planning to ensure regulatory compliance. This position will provide process design criteria when a capital facility is in the planning stages to ensure water quality goals are achieved, and examine new drinking water regulations and emerging water quality issues to determine options to address these concerns.

The Water Purification Unit Manager will direct teams responsible for operations compliance, engineering compliance and treatment plant laboratory activities associated with Metropolitan's treatment plants that have a combined capacity of 2.3 billion gallons of water per day. The Water Purification Unit Manager will look at innovative ways to optimize processes (combined with operational reality) with the goal of even greater reliability and cost effectiveness in operations.

This job announcement has been designed to indicate the general nature and level of work being performed by employees in this classification / job.

To view the full job description click here: [Water Purification Unit Manager](#)

EMPLOYMENT STANDARDS MINIMUM QUALIFICATIONS

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or university in engineering or equivalent and ten years of increasingly responsible relevant experience, of which four years must have been in a management or supervisory position.

Increasingly responsible relevant experience is defined as: Expertise with conventional and advanced drinking water treatment processes, emerging water quality issues, and drinking water regulatory compliance standards.

CERTIFICATIONS, LICENSES, AND REGISTRATION REQUIREMENTS

License(s): Valid California Class C Driver's License or equivalent (required at time of application) that allows you to drive during your employment.

Certification requirement: License in good standing as a California Professional Engineer or equivalent from another state (required at time of application).

- In addition to the driver license and Professional Engineer requirement, employees in this position will be required to obtain and maintain the following certification: State Water Resources Control Board Grade T2 Water Treatment Operator Certification

Desirable Qualifications: State Water Resources Control Board Grade T5 Water Treatment Operator Certification.

CLOSING

Benefits

- Competitive compensation
- Excellent medical, dental, life, vision plans.
- Deferred compensation in the form of a 401(k) plan (with matching contribution) and a 457 plan.
- Retirement benefits under the California Public Employees' Retirement System
- Tuition reimbursement
- Training and advancement opportunities
- Excellent working environment
- Public transportation reimbursements and van pools

For more information on MWD benefits, please use the following link: [Benefits Regular Full Time Employee](#)

ABOUT MWD

The Metropolitan Water District of Southern California is a consortium of 26 cities and water districts that provides drinking water to nearly 19 million people in Southern California. Metropolitan's mission is to provide its service area with adequate and reliable supplies of high quality water to meet current and future needs in an environmentally and economically responsible way. Metropolitan's facilities include

the 242-mile Colorado River Aqueduct, five water treatment plants with a combined capacity of 2.3 billion gallons per day, nine surface water reservoirs, over 800 miles of pipeline, and 16 hydroelectric power plants.

The Metropolitan Water District of Southern California is committed to providing reasonable accommodations to qualified individuals with disabilities. Qualified individuals with disabilities, who need a reasonable accommodation during the application or selection process, please call (213) 217-7738 or email jobs@mwdh2o.com.

MWD is a Federal and State EO employer – Veterans/Disabled and other protected categories.

Application Filing Period: Closes at 4:30 pm PST on the date stated in the job announcement. However it may close prior to the filing end date if sufficient applications have been received. If sufficient applications have not been received, then the filing period end date may be extended.

Sponsorship: Applicants for employment with The Metropolitan Water District of Southern California must have work authorization that does not now or in the future require sponsorship of a visa for employment authorization in the United States (i.e., H1-B or other employment-based immigration case).

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