



Classification: Water Resource Control Engineer
Position Number: 880-456-3846-010

DUTY STATEMENT

☐ CURRENT

☒ PROPOSED

RPA Number: 26-456-012	Classification Title: Water Resource Control Engineer	Position Number: 880-456-3846-010
Incumbent Name: Vacant	Working Title: Water Resource Control Engineer	Effective Date: TBD
Tenure: Permanent	Time Base: Full Time	CBID: R09
Division/Office: Division of Drinking Water/ Central California Drinking Water Field Operations Branch		Section/Unit: North Central Section – Section-III / District 29
Supervisor's Name: Sheri Miller		Supervisor's Classification: Senior Water Resource Control Engineer (Supervisory)

Human Resources Use Only:	
HR Analyst Approval: <i>Arianna Dixon</i>	Date: 9/30/2026

General Statement
Under the close supervision of the Senior Water Resource Control Engineer (Supervisory) (Senior WRCE) and consistent with good customer service practices and the goals of the State and Regional Board's Strategic Plan, the incumbent is expected to be courteous and provide timely responses to internal/external customers, follow through on commitments, and to solicit and consider internal/external customer input when completing work assignments.
Position Description
The Water Resource Control Engineer (WRCE) is expected to work independently, communicate effectively, and manage multiple tasks. Daily proficient utilization of office equipment and the Microsoft Office Suite is required. The WRCE will maintain consistent and regular attendance, communicate effectively (orally and in writing) when dealing with the public and/or other employees; develop and maintain knowledge and skills related to specific work tasks, methodologies, materials, tools, and equipment; complete assignments in a timely and efficient manner; and adhere to departmental policies and procedures regarding attendance, leave, and conduct.

Essential Functions (Including percentage of time):

30%	Use engineering knowledge and technical expertise to conduct on-site inspections of public water systems to evaluate their ability to maintain safe and reliable drinking water sources, treatment, storage, and distribution systems while meeting all regulatory requirements. Physically examine water sources, treatment plants, storage tanks, pump stations, and distribution facilities. Review system operational records, procedures, and administrative programs. Gather data to update system inventory and inspection databases. Prepare technical reports and correspondence documenting inspection findings, corrective actions, and compliance with regulatory requirements.
25%	Use engineering knowledge and technical expertise to prepare and review reports and recommendations on permit requests for construction or modification of recycled water and public water system sources, treatment plants, distribution and collection systems, and other related construction activities. Make and check engineering calculations, design drawings, and other engineering documents to assure that water purveyors comply with good engineering practice and legal requirements. Conduct on-site field inspections of water system facilities as part of permit application processing. Assist in conducting investigations of water quality problems such as those resulting from chemical and bacteriological contamination of public water supplies. Attend public meetings related to specific projects or water systems. Consult with and advise water consumer groups and others on water supply, water quality, and drinking water and recycled water regulatory requirements.

Marginal Functions (Including percentage of time):

10%	Provide engineering assistance to public water systems on water quality issues, operational problems, and treatment facilities. Assist with departmental research projects, policy development, and studies. Provide direct assistance and program feedback to county environmental health departments and other agencies.
10%	Conduct enforcement activities to bring public water systems into compliance with applicable state laws and regulations. Draft enforcement letters, citations, and compliance orders for the Senior WRCE's review and signature. Track compliance dates and take necessary follow-up action to ensure public water systems comply with directives of the department.
10%	Navigate various computer databases to track funding projects, water quality sampling and reporting compliance. Review plans for public water treatment plants and proposed projects for recycled water reuse to determine compliance with health and engineering standards and regulations. Review and comment on environmental impact reports to local agencies.
5%	Assist in conducting engineering investigations of water quality problems such as those resulting from a response to an emergency such as a fire, flood, earthquake, chemical or bacteriological contamination of public water supplies.



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5%	Consult with and advise a variety of health and other public officials, engineers, attorneys, water consumer groups, environmental justice groups and others on public health aspects of water supply quality control programs. Assist in making presentations to interested groups on a variety of health-related water supply matters.
5%	Perform other duties as required.

Typical Physical Conditions/Demands:

The job requires extensive use of a personal computer and the ability to remain stationary at a desk, use a phone and a keyboard for extended periods of time. Ability to retrieve and/or move files, documents, or materials of up to 15 pounds. Navigate uneven, rugged terrain for extended periods of time including hiking and climbing tanks in varying temperatures throughout the workday and different seasons. Travel independently to inspections sites and/or field visits up to two and a half hours away.

Typical Working Conditions:

The incumbent works in a state owned or leased facility, in an enclosed, non-windowed office cubicle in a smoke-free environment. The work schedule is Monday through Friday. Travel may be required locally and within the state to conduct site visits up to two and a half hours away and may occasionally require overnight stays. Collaboration with field operation branch staff will require in-office participation with local staff.

Supervisor Statement

I certify this duty statement represents an accurate description of the essential functions of this position. I have discussed the duties of this position with the employee and provided the employee a copy of this duty statement.

Supervisor Name	Supervisor Signature	Date
Employee Name	Employee Signature	Date