



Classification: Water Resources Control Engineer
 Position Number: 880-463-3846-021

DUTY STATEMENT

CURRENT PROPOSED

RPA Number: 25-463-007	Classification Title: Water Resource Control Engineer	Position Number: 880-463-3846-021
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 / Program Management Branch		Section/Unit: Technical Operations Section / Recycled Water Unit
Supervisor's Name: Ginachi Amah		Supervisor's Classification: Senior Water Resource Control Engineer (Supervisory)

Human Resources Use Only:	
HR Analyst Approval: <i>[Signature]</i>	Date: 06/04/2026

General Statement
Under the close supervision of a Senior Water Resource Control Engineer (Supervisory) 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) in dealing with the public and/or other employees; develop and maintain knowledge and skill related specific 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. Specific responsibilities include:



Essential Functions (Including percentage of time):	
40%	Use engineering knowledge and expertise to evaluate existing and potential potable reuse projects for compliance with regulatory requirements. Inspect and evaluate potable reuse projects and treatment facilities. Prepare technical reports on potable reuse projects. Provide technical information and engineering assistance to Water Boards staff, Regional Water Resources Control Boards, local health departments, and stakeholders regarding monitoring and treatment options for compliance with recycled and drinking water quality regulations. Review and evaluate studies to demonstrate treatment efficacy and other technical matters affecting the implementation of regulations. Engage with Federal and local agencies involved in water quality control and water rights. Monitor recycled water technical studies, research, and demonstration projects associated with recycled water treatment conducted within the State Water Resources Control Board and the nine Regional Water Resources Control Boards. Review demonstration studies conducted by equipment manufacturers or water utilities designed to assess contaminant removal efficacy. Review study protocols, conduct field inspections, evaluate study results, and prepare guidance based on the conclusions from the evaluation.
30%	Use engineering knowledge and technical expertise to review and evaluate a wide range of recycled water use proposals contained in Title 22 reports and other reports to verify compliance with applicable regulations and good engineering practice. Prepare summary reports, recommendations, and letters to communicate the results of the evaluation. Conduct on-site field inspections of recycled water system facilities as part of the evaluation and review process. Communicate effectively with the State Water Resources Control Board's field and management staff on recycled water issues.
15%	Support the development of a comprehensive set of tools to effectively regulate recycled water use in California by providing engineering expertise and guidance. These tools include policies, procedures, fact sheets, and background materials to support staff and inform the regulated community, stakeholders, and the public on recycled water use. Develop specialized expertise on treatment technologies, industry practices, issues, concerns, and research related to potable reuse. Provide engineering assistance for departmental research projects, policy development and studies.
5%	Provide engineering assistance to the Regional Water Resources Control Boards in the interpretation of Title 22 Water Recycling Criteria and determination of compliance.
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 recycled water programs. Assist in making presentations to interested groups on a variety of recycled water issues.



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Marginal Functions (Including percentage of time):	
5%	Perform other duties as required.
Typical Physical Conditions/Demands:	
The job requires extensive use of a personal computer and the ability to sit/stand at desk, utilize a phone, and type on 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, in extreme temperatures throughout the workday. Sit/stand for long periods of time.	
Typical Working Conditions:	
The incumbent works in a Division of Drinking Water Field Office, in an enclosed, non-windowed office cubicle in a smoke-free environment. The work schedule is Monday through Friday. Mandatory overtime, including evening and weekend work may be necessary during the year end closing process or when the department is mission tasked. Travel may be required locally and within the state.	

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