



Classification: Senior Water Resource Control Engineer (Specialist)
 Position Number: 880-402-3844-901

DUTY STATEMENT

CURRENT PROPOSED

RPA Number: 24-402-010	Classification Title: Senior Water Resource Control Engineer (Specialist)	Position Number: 880-402-3844-901
Incumbent Name: Vacant	Working Title: Senior Water Resource Control Engineer (Specialist)	Effective Date: August 2024
Tenure: Limited Term	Time Base: Full Time	CBID: R09
Division/Office: Division of Drinking Water/Program Management Branch		Section/Unit: Technical Operations Section
Supervisor's Name: Randy Barnard		Supervisor's Classification: Supervising Water Resource Control Engineer

Human Resources Use Only:	
HR Analyst Approval:	Date:

General Statement
Under the general direction of a Supervising Water Resources Control Engineer 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



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The Senior Water Resource Control Engineer (Specialist) (Senior WRCE) will perform the most complex and technical engineering assignments. The Senior 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 Senior 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):

30%	Use engineering knowledge and expertise methods and principles to prepare and complete regular rulemaking package for the revision to and serve as a subject matter expert on the onsite treatment and reuse of nonpotable water regulations, which includes but are not limited to interpretation of applicable laws, rules, and regulations, California Environmental Quality Act (CEQA) documentation, California Environmental Protection Agency technical peer review package, and economic impact analysis. Prepare and complete technical board hearing and adoption documents.
25%	Provide comprehensive engineering and organizational oversight for the development of additional risk-based water quality standard for onsite treatment and reuse of nonpotable water. Develop specialized engineering expertise on onsite nonpotable water treatment technologies, industry standards and practices, national and international research related to the technical, engineering, public health, management practices, and practical issues related to onsite treatment and reuse of nonpotable water, premise plumbing, and cross-connection control.



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25%	<p>Communicate effectively with internal and external stakeholders to facilitate pre-rulemaking and rulemaking activities on complex and technical engineering matters. Prepare materials for and conduct public workshops. Maintain records of communication from interested parties. Communicate with State Water Resources Control Board (SWRCB) and Regional Water Resources Control Board staff, Division of Drinking Water (DDW) management, and board members on this work. Identify key issues on engineering matters that may require additional resources or a special effort to fully address. Help ensure that project schedules are met. Keep SWRCB management informed of key issues identified. Coordinate complex and sensitive work with a wide range of state agencies, organizations, local jurisdictions, stakeholders, and the public for developing fact sheets and other missives on the criteria. Participate in the SWRCB's consultations and coordination with the California Building Standards Commission (CBSC), Department of Water Resources, and California Department of Housing and Community Development on revisions to CCR Title 22 and subsequent incorporation into the California Building Standards Code (CCR Title 24). Provide technical support to the CBSC in adoption of the revised water quality standards into the California Building Standards Code.</p>
15%	<p>Conduct contract scoping, development, management, and deliverables review of technical services contract to conduct quantitative microbial risk analysis to develop technical and scientific basis for risk-based standards for onsite treatment and reuse of nonpotable water sources.</p>

Marginal Functions (Including percentage of time):

5%	Perform other duties as required.
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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 lift 15 pounds, bend and reach above shoulders to retrieve files and/or documents. Navigate uneven, rugged terrain for extended periods of time including hiking and climbing tanks, in extreme temperatures throughout the workday, standing/sitting for long periods of time. Must possess a valid driver's license and be able to operate motorized vehicle to inspections sites.

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. Collaboration with DDW staff will require routine in-office participation with various staff.

Supervisor Statement



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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