



Classification: Water Resource Control Engineer
Position Number: 880-300-3846-022

DUTY STATEMENT

CURRENT PROPOSED

RPA Number: 24-300-010	Classification Title: Water Resource Control Engineer	Position Number: 880-300-3846-022
Incumbent Name: VACANT	Working Title: Water Resource Control Engineer	Effective Date: TBD
Tenure: Permanent	Time Base: Full-Time	CBID: R09
Division/Office: Division of Water Rights/State Water Resources Control Board		Section/Unit: Bay-Delta Section/Public Trust Unit
Supervisor's Name: Robert McCarthy		Supervisor's Classification: Senior Environmental Scientist (Supervisory)

Human Resources Use Only:	
HR Analyst Approval:	Date:

General Statement
Under the close supervision of the Senior Environmental Scientist (Supervisory), Public Trust Unit Senior in the Division of Water Rights 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 will develop, evaluate, and implement flow, water quality and related requirements in the Bay-Delta and its tributaries, and develop related plans, policies, and regulations. The incumbent will conduct and review hydrologic and water quality modeling of river and reservoir systems to investigate how operational changes may affect flows, river or reservoir temperatures, aquatic habitat, and water quality. This position is specifically focused on State Water Board regulatory and planning activities in the Bay-Delta.



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Essential Functions (Including percentage of time):	
40%	Develop, evaluate, and implement flow, water quality and related requirements in the San Francisco Bay/Sacramento-San Joaquin Delta (Bay-Delta) and its tributaries, and related plans, policies and regulations. Conduct and/or review hydrologic and water quality modeling of river and reservoir systems to investigate how operational changes may affect flows, river or reservoir temperatures, aquatic habitat, and water quality. Analyze the design and operation of proposed and existing projects. Evaluate hydrological, environmental, and water supply effects of such requirements and prepare related recommendations and analyses. Prepare technical reports, orders, decisions, and other associated documents to support the Public Trust Unit's efforts to develop, evaluate and implement flow, water quality, and related requirements. In collaboration with other Division of Water Rights staff, assess and oversee compliance with water right requirements related to implementation of these requirements. Oversee, manage, and develop contracts or grant agreements related to the above. Present at public workshops and meetings, or before the State Water Board. Prepare notices, briefing documents, presentations, and other related documents.
20%	Develop, review, and provide written comments on environmental documents. Review submitted models for technical accuracy in environmental documents. Administer the requirements of the California Environmental Quality Act (CEQA) as it relates to State Water Board actions on water resources development projects, including projects of statewide significance. This work includes: analysis of complex engineering and modeling analyses for technical accuracy in environmental documents; ensuring legal and procedural adequacy of environmental documents; and making recommendations to management or the State Water Board regarding project approval, CEQA compliance, selection of alternatives, and the applicability of mitigation measures. Oversee the development and implementation of contracts and direct the preparation of environmental compliance documents by consulting firms.
20%	Represent the State Water Board and coordinate with governmental agencies, non-governmental organizations, water users, and other interested parties on instream flow and related efforts to protect public trust resources and beneficial uses of water. This work includes: collection and analysis of flow and water quality data, review and comment on instream flow recommendations and associated implementation plans proposed by external parties, and presenting at meetings, workshops, or conferences to share the State Water Board's efforts with the regulated and non-regulated community.



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15%	Coordinate with other related State Water Board and Regional Water Board staff and programs to ensure consistent and appropriate development and implementation of flow, water quality and related requirements. Coordinate with other Division of Water Rights staff on investigations regarding potential impacts to public trust resources, including: preparation of compliance correspondence, review of compliance submittals for adequacy, and coordination with the Division of Water Rights Enforcement Section on follow-up enforcement as necessary. Function as a team member or lead on hearings before the State Water Board, including assisting the hearing officer to conduct hearings, evaluate testimony and evidence, question witnesses, write staff analyses and decisions, and respond to comments. Act as staff expert on complex and controversial water right matters.
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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 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.

Typical Working Conditions:

The employee works on the 14th floor of a high-rise office building in downtown Sacramento, 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



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