



**Classification:** Senior Water Resource Control Engineer (Specialist)  
**Position Number:** 880-300-3844-056

**DUTY STATEMENT**

CURRENT       PROPOSED

<b>RPA Number:</b> 25-300-102	<b>Classification Title:</b> Senior Water Resource Control Engineer (Specialist)	<b>Position Number:</b> 880-300-3844-056
<b>Incumbent Name:</b> Vacant	<b>Working Title:</b> Senior Water Resource Control Engineer (Specialist)	<b>Effective Date:</b> TBD
<b>Tenure:</b> Permanent	<b>Time Base:</b> Full Time	<b>CBID:</b> R09
<b>Division/Office:</b> Division of Water Rights		<b>Section/Unit:</b> Instream Flows Section
<b>Supervisor's Name:</b> Vacant		<b>Supervisor's Classification:</b> Environmental Program Manager I (Supervisory)

<b>Human Resources Use Only:</b>	
<b>HR Analyst Approval:</b> <i>Nina Lopez</i>	<b>Date:</b> 02/12/2026

<b>General Statement</b>
Under the direction of the Environmental Program Manager I (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.
<b>Position Description</b>
The Senior Water Resources Control Engineer (Specialist) serves as the lead project engineer for the State Water Board's efforts related to high-priority instream flow work underway (e.g., Scott River, Shasta River, Ventura River) and additional efforts in other key areas of the state, including where flows are impacted by diversions of water for cannabis. The incumbent is responsible for reviewing and assessing hydrologic and stream morphology studies, models, and data, collecting and assessing water rights data, developing and implementing instream flows and associated technical and environmental documents, overseeing grants and contracts, engaging with interested parties, participating in advisory groups, developing technical and plain language project materials, and presenting to diverse audiences.



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<b>Essential Functions (Including percentage of time):</b>	
30%	Provide technical expertise and lead development of flow objectives, hydrologic analyses, technical documents, regulations, and policies to protect public trust resources and other beneficial uses of water. Work with consultants and managing contracts related to the development of technical information to support the development of scientific basis reports and support implementation of flow requirements. Serve as an expert witness, as needed, to support the Board's in-stream flow-related efforts.
25%	Lead development and oversight of complex hydrologic models and other tools. Identify and evaluate model scenarios for different watersheds, evaluate models, tools, and studies relating to stream morphology and alteration, reservoir operations, erosion, stream flow, water quantity and quality relationships, and water use. Evaluate stream morphology assessments and instream flow studies and conduct office and field investigations to collect and interpret hydrological data.
15%	Provide technical expertise in support of complex aspects related to the preparation of California Environmental Quality Act documents to evaluate impacts of flow objectives and other measures on instream flows, water diverters (e.g., water supply), and other beneficial uses of water.
15%	Independently compile, evaluate, and prioritize existing California water rights and use this information with appropriate tools to support the development and implementation of instream flow requirements. Develop and maintain web-based visualization tools as, needed.
10%	Engage with interested parties and California Native American Tribes, develop technical and plain-language materials, prepare and give presentations to diverse audiences, develop briefing documents and brief executive management and State Water Board members. Participate in State Water Board meetings, oversee and participate in public workshops and meetings, participate on advisory groups, and oversee contracts and grant agreements.
<b>Marginal Functions (Including percentage of time):</b>	
5%	Perform other duties as required.
<b>Typical Physical Conditions/Demands:</b>	
The job requires extensive use of a personal computer and the ability to sit/stand at desk, use a phone, and type on a keyboard for extended periods of time. Ability to lift 25 pounds, bend and reach above shoulders to retrieve files and/or documents. When in the field, the job requires navigation of uneven, rugged terrain for extended periods of time, in extreme temperatures throughout the workday.	



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**Typical Working Conditions:**

When working in the office, the incumbent 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. Evening and weekend work may be necessary during the year. 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 with a copy of this duty statement.

Supervisor Name	Supervisor Signature	Date

  

Employee Name	Employee Signature	Date