



Classification: Senior Water Resource Control
Engineer Specialist
Position Number: 880-240-3844-045

DUTY STATEMENT

☐ CURRENT ☒ PROPOSED

RPA Number: 26-240-013	Classification Title: Senior Water Resource Control Engineer (Specialist)	Position Number: 880-240-3844-045
Incumbent Name: Vacant	Working Title: Senior Groundwater Pumping Data Specialist	Effective Date: TBD
Tenure: Permanent	Time Base: Full-Time	CBID: R09
Division/Office: Office of Sustainable Groundwater Management (OSGM)		Section/Unit: Sustainable Groundwater Management Act (SGMA)
Supervisor's Name: Brianna St. Pierre		Supervisor's Classification: Supervising Engineering Geologist

Human Resources Use Only:

HR Analyst Approval: *Kathleen Hill*

Date: 09/14/2026

General Statement

Under the general direction of a Supervising Engineering Geologist and consistent with good technical, administrative, and 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 Boards value diversity at all levels of the organization and are committed to fostering an environment in which employees from a variety of backgrounds, cultures and personal experience are welcomed and can thrive. We believe the diversity of our employees and their unique ideas inspire innovative solutions to further our mission to preserve, enhance and restore the quality of California's water resources.

The Senior Water Resource Control Engineer Specialist is responsible for technical, policy, strategic, communication and coordination work, ensuring that the State Water Board meets requirements under the SGMA, coordinating with staff across agencies, assisting interested parties, conducting and overseeing investigations, and managing contractors. The incumbent will focus on evaluating components of water budgets, pumping, and subsidence, including evaluating reported groundwater pumping data and impacts on basin conditions. The incumbent should be able to communicate findings



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clearly orally and in writing. Daily proficient utilization of office equipment and the Microsoft Office Suite is required.

Essential Functions (Including percentage of time):

35%	Using sound engineering judgement, conduct and oversee complex analyses of groundwater pumping data and models and evaluate impacts of groundwater pumping on basin conditions. Analyze water levels, reduction of storage, land subsidence, seawater intrusion, water quality degradation, and depletions of interconnected surface water due to overdraft of groundwater basins. Support database management, and use coding and GIS skills to evaluate groundwater data. Identify complex water management challenges and propose physical and/or policy solutions. Act as expert witness in Board or court actions. Assist local entities in the development, evaluation, and implementation of groundwater management approaches and other integrated water resources monitoring and management strategies. Provide program information, technical assistance, data analysis and groundwater management guidance, engineering expertise, and educational outreach to federal, state, local, tribal, and non-governmental entities. Advise and consult with other governmental agencies regarding drinking water, water rights, and related topics.
20%	Represent the Water Boards in outreach and engagement efforts, including giving presentations and facilitating meetings and workshops. Establish and maintain partnerships, foster open communication for voices from historically underserved and disadvantaged communities, conduct outreach and analyses and develop findings. Seek input from parties mentioned above as well as other Water Board units, the Regional Water Boards, groundwater users, and other state, local, tribal, federal, and non-governmental entities or individuals involved in, affecting, or affected by SGMA implementation, as appropriate, in the evaluation of local groundwater and surface water conditions and the development and implementation of interim management plans and controls necessary to sustainably manage basins. Coordinate with the Communications Office and the Office of Public Engagement, Equity, and Tribal Affairs to develop talking points, presentations, and outreach materials for members of the media and the public. Clearly convey complex analyses and concepts to diverse audiences and respond to technical and regulatory questions regarding groundwater conditions or management.
20%	Using engineering knowledge and technical expertise, prepare procedures, tools, and technical documents for implementation of SGMA. Develop recommendations that incorporate engineering, legal, and policy objectives. Help support the Program meet all of the State Water Board's requirements under SGMA. Develop, review, and analyze correspondence, hearing documents, water resource engineering investigations, technical reports, and interim groundwater management plans. Participate in budget development actions and various work force and program planning activities.



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15%	Conduct programmatic assessments and identify actions to implement the Water Board's Racial Equity Resolution, Racial Equity Action Plan, Human Right to Water Resolution, and Climate Change Resolution in integrated water resource management. Perform legislative and policy analyses of issues with potentially significant impacts on groundwater or surface water management.
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Marginal Functions (Including percentage of time):

5%	Assist with contract management, including management of software development and architectural and engineering contracts. Draft required contracting and administrative documentation. Provide general oversight and guidance to management, contractors, project managers, and Water Board staff involved in contract oversight.
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 lift 15 pounds, bend and reach above shoulders to retrieve files and/or documents. Conducting field work may require navigating uneven, rugged terrain for extended periods of time, in extreme temperatures throughout the workday.

Typical Working Conditions:

The incumbent works in a high-rise office building in downtown Sacramento, in a cubicle in a smoke-free environment. The work schedule is Monday through Friday. Mandatory overtime, including evening and weekend work may be necessary for public meetings, to accommodate required travel, 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
Brianna St. Pierre		
Employee Name	Employee Signature	Date