



Classification: Senior Engineering Geologist (Spec)
Position Number: 880-240-3751-005

DUTY STATEMENT

CURRENT PROPOSED

RPA Number: 24-240-022	Classification Title: Senior Engineering Geologist (Specialist)	Position Number: 880-240-3751-005
Incumbent Name: Vacant	Working Title: SGMA Senior Engineering Geologist Specialist	Effective Date: TBD
Tenure: Permanent	Time Base: Full-time	CBID: R09
Division/Office: Office of Sustainable Groundwater Management (OSGM)		Section/Unit: N/A
Supervisor's Name: Natalie Stork		Supervisor's Classification: Supervising Engineering Geologist

Human Resources Use Only:	
HR Analyst Approval: Danielle Klemencic	Date: 10/03/2024

General Statement
Under the direction of a Supervising Engineering Geologist 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 Senior Engineering Geologist (Specialist) is responsible for technical, policy, strategic, communication and coordination work, ensuring that the State Water Board meets requirements under the Sustainable Groundwater Management Act (SGMA), coordinating with staff across agencies, assisting interested parties, conducting and overseeing investigations and managing contractors.
Essential Functions (Including percentage of time):



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35%	<p>Using engineering geology judgment, conduct and oversee the most complex hydrogeologic investigations and water resources planning work, including design and assessment of groundwater management plans, investigation of surface water and groundwater interaction, assessment of groundwater level trends and overdraft, assessment of surface water flows and surface water availability, measurement and estimation pumping rates and volumes, determination of sustainable yield, analysis of water transfer plans and analysis of surface and groundwater rights priorities. Identify complex water management challenges and propose either physical or policy solutions. Act as expert witness in Board or court actions. Present testimony and evidence at Water Board and Superior Court hearings. 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, groundwater management guidance, hydrogeological expertise and educational outreach to federal, state, local, tribal, and non-governmental entities. Advise and consult with other governmental agencies regarding water quality control, drinking water and water rights.</p>
25%	<p>Represent the Water Boards in outreach and engagement efforts, including giving presentations, facilitating meetings and workshops and conducting Tribal consultations. Conduct community and Tribal outreach and engagement, establish and maintain partnerships, and foster open communication for voices from historically underserved and disadvantaged communities, including conducting outreach and analyses and developing 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. In cooperation with the Communications Office and the Office of Public Participation, develop talking points, presentations and outreach material 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. Direct activities of professional facilitators under contract to assist with local dispute resolution and general outreach activities.</p>



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25%	<p>Conduct programmatic assessments and identify actions to implement the Water Boards' Racial Equity Resolution, Racial Equity Action Plan, Human Right to Water Resolution and Climate Change Resolution in integrated water resource management. Use available data to develop innovative methods and tools that help the program fulfill the State Water Boards' responsibilities under SGMA. Perform legislative and policy analyses of issues with potentially significant impacts on groundwater or surface water management. Develop recommendations that incorporate geology, law and policy objectives. Help ensure that the program is meeting all the State Water Boards' requirements under SGMA. Develop, review and analyze correspondence, hearing documents, hydrogeologic investigations, technical reports and interim groundwater management plans. Participate in budget development actions and various work force and program planning activities.</p>
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Marginal Functions (Including percentage of time):

10%	<p>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. Oversee staff and contractors evaluating or modeling groundwater quantity, quality and surface water interactions.</p>
5%	<p>Perform other duties as required.</p>

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.

Typical Working Conditions:

The incumbent works in a high-rise office building in Downtown Sacramento, in a cubicle and in a smoke-free environment. The work schedule is Monday through Friday. Occasional or overnight travel may be required locally and within the state.



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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