



Classification: Senior Water Resource Control Engineer (Specialist)  
 Position Number: 880-180-3751-007

**DUTY STATEMENT**

CURRENT       PROPOSED

<b>RPA Number:</b> 25-180-070	<b>Classification Title:</b> Senior Water Resource Control Engineer (Specialist)	<b>Position Number:</b> 880-180-3751-007
<b>Incumbent Name:</b> Vacant	<b>Working Title:</b> Special Projects Engineer	<b>Effective Date:</b> TBD
<b>Tenure:</b> Permanent	<b>Time Base:</b> Full Time	<b>CBID:</b> R09
<b>Division/Office:</b> Regional Water Quality Control Board / Santa Ana Region (8) - Riverside		<b>Section/Unit:</b> Groundwater Protection Branch
<b>Supervisor's Name:</b> Alan Kuoch		<b>Supervisor's Classification:</b> Supervising Engineering Geologist

<b>Human Resources Use Only:</b>	
<b>HR Analyst Approval:</b> <i>[Signature]</i>	<b>Date:</b> 04/27/2026

**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 Water Resource Control Engineer (Specialist), Special Projects Engineer, is responsible for managing the most complex, contentious, and high-profile soil and groundwater contamination sites in the Groundwater Protection Branch, including cases related to contaminants of emerging concern such as per- and polyfluoroalkyl substances (PFAS), critical enforcement actions, and regional groundwater issues. The Special Projects Engineer works both independently and in multi-disciplinary teams under the direction of the Groundwater Protection Branch Manager, the region's lead prosecutor, and in close coordination with the regional Enforcement Coordinator, and supervisors of the Site Cleanup, Underground Storage Tank, Land Disposal, and Department of Defense programs.

Duties also include preparing and bringing formal enforcement actions to the Board for hearing, providing technical support to Groundwater Protection Branch Programs, and delivering advanced engineering expertise to management and leadership team.



Classification: Senior Water Resource Control  
 Engineer (Specialist)  
 Position Number: 880-180-3751-007

**Essential Functions (Including percentage of time):**

<p>40%</p>	<p>Support the Groundwater Protection Branch Manager by leading engineer-focused, complex, and high-profile projects, providing regulatory oversight to ensure compliance, developing cleanup strategies, and advancing enforcement on recalcitrant or stalled site cleanup cases.</p> <p>Review and evaluate technical reports and work plans requiring expert judgment in engineering, hydrogeology, water quality, contaminant fate and transport, remediation technologies, and remediation system design. Review reports of waste discharge and issue Waste Discharge Authorization permits for site remediation. Apply technical judgment in review of investigation and remediation proposals involving drilling methods, high-resolution site characterization techniques, contaminant fate and transport evaluation, feasibility studies, and remedial action plans to ensure timely mitigation of risks to human health and water resources. Stay informed on scientific and regulatory developments related to emerging contaminants, such as per- and polyfluoroalkyl substances (PFAS).</p> <p>Implement adaptive management skills in performance of comprehensive water quality control work, in all aspects, including investigation of soil, soil vapor and groundwater, vapor intrusion evaluation, groundwater models, remedial investigation, feasibility study, remedy selection, remedy performance, and identification of responsible parties. Oversee field investigations and remediation activities, advising on appropriate procedures to complete environmental investigations, mitigate risks, and cleanup of contaminated sites.</p> <p>Lead and facilitate project meetings, interagency collaboration meetings, public meetings, and community outreach. Incorporate environmental justice considerations in decision-making. Participate in workgroups and tasks force initiatives as needed, contributing technical expertise and supporting collaborative efforts to advance program goals.</p> <p>Deliver advanced engineering expertise to the management and leadership team, providing informed technical guidance that supports strategic decision-making and strengthens program effectiveness. Provide specialized engineering support to the staff of the Site Cleanup, Underground Storage Tanks, Land Disposal, and Department of Defense programs.</p>
<p>15%</p>	<p>Prepare and present evidence in enforcement proceedings before the Santa Ana Water Board and/or State Board, under the direction of the lead prosecutor (typically the Assistant Executive Officer or a Branch Manager). Work very closely with the Enforcement Coordinator. Work cooperatively with attorneys from the Office of Enforcement to build and present cases to executive management for formal enforcement.</p>
<p>10%</p>	<p>Conduct and participate in complex project meetings and negotiations with technical staff, representatives of dischargers (such as engineers, geologists, toxicologists and attorneys), including public and private entities, and other governmental agencies, relating to the investigation of contaminated sites.</p>



Classification: Senior Water Resource Control  
 Engineer (Specialist)  
 Position Number: 880-180-3751-007

10%	Prepare and present written and oral reports for the Santa Ana Water Board, describing technical concepts and summarizing projects and work outcomes of cleanup activities at sites where discharges of waste have occurred.
10%	Assist with the Health and Safety related functions and record tracking. Assist with maintenance of the Region's laboratory sampling and inspection equipment and instrumentation, and building floor warden activities. Assist the Board's liaison during emergency response situations.
<b>Marginal Functions (Including percentage of time):</b>	
5%	Represent the Regional Boards in meetings with other state agencies, federal agencies, regulated community, and interested public. Serve on appropriate committees, speak at public forums, and meet with the public and other interested parties.
5%	Respond to public inquiries such as California Public Records Act requests, federal Freedom of Information Act requests, and information requests from environmental consultants, in a timely and professional manner, by consulting with staff and legal counsel in compiling the information and communicating by telephone, email or written correspondence.
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 remain stationary at a desk, utilize a phone, and use a keyboard for extended periods of time. Ability to retrieve and/or move files, documents, or materials of up to 15 pounds. Navigate uneven, rugged terrain for extended periods of time in extreme temperatures throughout the workday.	
<b>Typical Working Conditions:</b>	
The work location is on the 5th floor of a high-rise office building in downtown Riverside, in an enclosed office cubicle in a smoke-free and fragrance-free environment. The work schedule is Monday through Friday. Travel may be required locally and within the state, including overnight and multi-day trips.	



Classification: Senior Water Resource Control  
Engineer (Specialist)  
Position Number: 880-180-3751-007

<b>Supervisor Statement</b>		
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