

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION Senior Engineer, Water Resources		DWR POSITION NUMBER 1152-3261-501	SAP POSITION NUMBER 50003173	MCR 1
APPOINTEE Vacant		SAP PERSONNEL NO. TBD	DIVISION/SECTION DMI/Riverine Stewardship Engineering Unit	
COLLECTIVE BARGAINING IDENTIFIER Management Related BU: <input type="checkbox"/> Supervisory Related BU: <input checked="" type="checkbox"/> S09 Confidential Related BU: <input type="checkbox"/> Rank and File BU: <input type="checkbox"/>				
RESPONSIBILITIES EXERCISED <input checked="" type="checkbox"/> Supervisory <input type="checkbox"/> Lead Person		IMMEDIATE SUPERVISOR (Print) Michal Koller	SUPERVISOR'S CLASSIFICATION Supervising Engineer, WR	
APPROVED BY (Personnel Analyst's Name) Tammy Geer			DATE 4/24/2026	
<i>Percent of Time</i>	<i>Activity</i>			
	<p>POSITION SUMMARY</p> <p>Under the direction of the Manager of the Environmental Engineering Section of the Statewide Restoration Initiatives Branch, the Senior Engineer is responsible for managing and directing staff, budgeting, assessments, environmental and engineering studies, planning analyses, restoration design work, and status reports, and managing contracts to carry out various programmatic objectives related to the Riverine Stewardship Program, including the Fish Passage Improvement Program, San Joaquin River Fish Population Enhancement Program (SJFPEP), and Urban Streams Restoration Program (USRP).</p> <p>Coordinate and consult with other Department of Water Resources (DWR) Divisions and Offices to set work scopes, schedules, procedures, and assignments related to interdisciplinary, multi-benefit projects. Supervising staff in the daily activities, including setting work schedules, staff appraisal and development, and performance management. Act for Section Manager during their absence.</p> <p>ESSENTIAL FUNCTIONS</p> <p>This position supervises staff involved in engineering, environmental, and planning studies. The position works closely with the section manager to administer the unit's operational and project budgets. It requires extensive coordination with the Division and DWR staff, as well as staff from other State, federal, local agencies, or private entities. Key duties include engineering analyses, design work, reviewing engineering and environmental reports, securing environmental and engineering permits. Additional responsibilities involve preparing task orders, reviewing and approving invoices, managing grants, conducting design reviews, evaluating plans and specifications for various design levels, and reviewing and approving travel expense claims. The position is also responsible for coordinating and monitoring all related activities to ensure they are accurate and fully comply with project objectives consistent with departmental policy. Strong writing, organizational, and communications skills are required. Primary areas of responsibility include:</p>			
SUPERVISOR'S STATEMENT:		I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE.		
SUPERVISOR'S NAME (Print)		SUPERVISOR'S SIGNATURE		DATE
		➤		
EMPLOYEE'S STATEMENT:		I HAVE DISCUSSED WITH MY SUPERVISOR THE DUTIES OF THE POSITION AND HAVE RECEIVED A COPY OF THE DUTY STATEMENT.		
EMPLOYEE'S NAME (Print)		EMPLOYEE'S SIGNATURE		DATE
		➤		

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40%	<p>Supervise, manage, and coordinate staff and consultants conducting engineering and planning studies; review and approve invoices, analyses, design work, and reports; develop and manage task orders. Lead the development and evaluation of options for rehabilitating rivers or improving fish passage by modifying, altering, or removing dams and barriers. Provide or direct technical assistance in geomorphological processes; river, stream, and floodplain hydrology; channel hydraulics; diversion and channel stabilization structures, river mechanics, fish habitat characteristics, and ecological flow regimes. Manage project design, environmental permitting, implementation, and monitoring for projects. Provide engineering design reviews. Document and prepare reports, including environmental documents, summarizing the results of completed studies.</p>		
30%	<p>Represent DWR in interagency river restoration, fish passage, and fish migration and habitat enhancement teams, including those related to Reasonable and Prudent Alternatives contained in Biological Opinions. Lead and provide technical assistance to DWR Divisions and Programs, including the USRP. Lead planning, coordination, reconnaissance, alternatives development, and the preparation of preliminary designs for multi-benefit riverine habitat enhancement projects for Central Valley river systems. Coordinate and participate in communication and information exchange efforts with public interests, landowners, local agencies, and State and federal government. Participate in or lead public meetings or advisory committee meetings for specific projects or regional evaluations. Respond to correspondence and verbal inquiries related to the Fish Passage Improvement and Urban Streams Restoration programs. This may require the use of a personal or a State vehicle to get to meetings and field sites.</p>		
30%	<p>Lead or assist with DWR budget processes, track and plan Unit budgets, and develop budget change proposals. Develop, track, and adjust resource allocation for the Section. Develop and manage work agreements, contracts, and partnership agreements. Lead the team in grant management. Lead the hiring of new staff. Use SAP to track and control all Unit work.</p> <p>SPECIAL REQUIREMENTS</p> <p>Travel to project sites is required. Must possess valid registration as a Professional Engineer in California and valid CA driver's license.</p> <p>All employees are responsible for contributing to an inclusive, safe, and secure work environment that values diverse cultures, perspectives, and experiences, and is free from discrimination.</p> <p>The Department of Water Resources is committed to its mission and employees, and we are grounded in our commitment to public safety. Regular, consistent, and predictable attendance is essential to the successful performance in this position.</p>		

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	<p>OTHER RESPONSIBILITIES</p> <p>This position provides necessary support to the Divisions of Flood Management, Safety of Dams, Operations and Maintenance, Engineering, and/or the Public Affairs Office during emergencies and other incidents. Additionally, this position may participate in emergency operations in the capacity of area teams, field inspection, and coordination, and assist agencies such as CalOES and FEMA in disaster work, including performing fieldwork to complete damage survey reports for droughts, flooding, earthquakes, and other emergencies. This position may also serve in one of the sections as established in the Incident Command System to assist DWR in performing its emergency preparedness, response, recovery, and mitigation functions. These functions are established in the California State Emergency Plan and the DWR's Administrative Orders.</p>			