

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION Senior Engineer, Water Resources (Supervisory)		DWR POSITION NUMBER 1141-3261-500	SAP POSITION NUMBER 50032463	MCR 1
APPOINTEE VACANT		SAP PERSONNEL NO. TBD	DIVISION/SECTION DMI/Engineering Support Unit	
COLLECTIVE BARGAINING IDENTIFIER Management Related BU: ☐ Supervisory Related BU: ☒ S09 Confidential Related BU: ☐ Rank and File BU: ☐				
RESPONSIBILITIES EXERCISED ☒ Supervisory ☐ Lead Person		IMMEDIATE SUPERVISOR (Print) David J. Pesavento	SUPERVISOR'S CLASSIFICATION Supervising Engineer, Water Resources	
APPROVED BY (Personnel Analyst's Name) Tammy Geer			DATE 7/27/2026	
<i>Percent of Time</i>	<i>Activity</i>			
35%	POSITION SUMMARY The Senior Engineer, Water Resources, will perform and lead support various engineering and planning activities for implementing multi-benefit flood system improvement projects in the Central Valley under the direction of the Division of Multi-Benefit Initiatives' (DMI) Systemwide Engineering Section and Engineering Support Unit Manager. The incumbent is required to work cooperatively with a wide variety of Department specialists and technical consultants, and engage with interested parties on projects, including staff from local, State, and federal agencies, and the general public. The incumbent will also review completed staff work, provide guidance on policy matters, and participate in program decisions. ESSENTIAL FUNCTIONS The incumbent is required to maintain regular, consistent, predictable attendance; exercise good judgment; analyze situations accurately and take effective action; establish and maintain cooperative relations with others; represent the Department at meetings and hearings of a sensitive nature; and contribute to the Department's objectives and its professional stature effectively. Some travel is required to attend interested party involvement, public outreach, and similar meetings. The specific essential duties are: Resource Planning and Program Execution – Manage development of flood system multi-benefit project feasibility studies, designs, and construction documents. Coordinate technical work with partnering agencies and among related programs within the Department of Water Resources (DWR). Technical work may include hydrologic and hydraulic studies; geomorphic analyses; economic studies; feasibility studies; geotechnical studies; land surveying; analyses supporting environmental compliance documents; and real estate documentation, acquisitions, and management. Other engineering support may be in the form of reviewing and commenting on various state and local multi-benefit, environmental restoration, and flood management projects developed by Department staff, consultants, and other agencies.			
SUPERVISOR'S STATEMENT: I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE.				
SUPERVISOR'S NAME (Print) David J. Pesavento		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) VACANT		EMPLOYEE'S SIGNATURE ➤		DATE

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Senior Engineer, Water Resources (Supervisory)		1141-3261-500	50032463	1
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VACANT		TBD	DMI/Engineering Support Unit	
Percent of Time	Activity			
30%	Project Coordination and Communication – Provide unit-level oversight; oversee and coordinate engineering work internally and externally; review and provide engineering support for designs developed internally and by planning and implementation partners for multi-benefit projects. Assist in the development and oversight of funding for project agreements in the Central Valley. Manage the preparation of program-related documents including technical reports, contracts, spreadsheets, memorandums, and correspondence. Manage field inspections of completed flood system improvements and rehabilitation work in coordination with local, State, and federal agency representatives including the California Department of Fish and Wildlife (CDFW), Central Valley Flood Protection Board (CVFPB), and US Army Corps of Engineers (USACE). Manage the processing of invoices for consistency and payment. Maintain accurate program records.			
25%	Interaction and Alignment – Plan, lead, organize, and attend a variety of communication and engagement activities (including public meetings, project team meetings, workshops, work groups, and briefings) to develop information and obtain input on multi-benefit project development as well as ensuring alignment within the Engineering Support Unit. Present engineering-based technical results such as hydraulic performance, environmental evaluations, geotechnical evaluations, and cost estimates to internal and external interested party audiences. Prepare agendas and supporting materials, provide technical support, and respond to questions or inquiries. Serve as liaison to other divisions within the Department and to interested local, State, and federal agencies. Represent the Department at meetings involving multi-benefit projects and activities. Make presentations to management, staff, consultants, interested party groups, and the public on a variety of program topics in response to requests for information. This may require the use of a personal or state vehicle for travel to meetings or field sites.			
10%	Management and Administration – Plan, lead, organize, and progress work through alignment within organizational structure to develop and maintain a highly skilled professional staff to meet the Department’s mission through assigning and distributing work, monitoring and evaluating performance, preparing annual Appraisal and Development reports, determining training needs and approving training requests, implementing the three phases of progressive discipline, verifying and approving employee’s attendance and leave requests, interviewing and hiring qualified employees, understanding employee’s rights with regard to labor relations, and leading by example; support program funding distribution and allocation; identify and document program accomplishments, and provide overall program delivery and accountability. Serve as Acting Section Manager as needed.			
	SPECIAL REQUIREMENTS			
	Registration as a Civil Engineer in the State of California.			
	Ability to perform field work and inspections by foot, by motor vehicle, or aboard watercraft.			
	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.			

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	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. OTHER RESPONSIBILITIES 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 Governor declared emergencies, flood, dam, State Water Project, and other incidents and emergencies. Additionally, this position may participate in emergency operations in the capacity of area teams, field inspection, coordination, and assist agencies such as the Governor's Office of Emergency Services and Federal Emergency Management Agency 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 the Department in performing its emergency preparedness, response, recovery, and mitigation functions. These functions are established in the California State Emergency Plan and the Department's Administrative Orders.			