

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION Senior Engineer, Water Resources		DWR POSITION NUMBER 1023-3261-005	SAP POSITION NUMBER 50029161	MCR 1
APPOINTEE Vacant		SAP PERSONNEL NO. TBD	DIVISION/SECTION DFPI/FPB/Project Support Section	
COLLECTIVE BARGAINING IDENTIFIER Management Related BU: <input type="checkbox"/> Supervisory Related BU: <input checked="" type="checkbox"/> Confidential Related BU: <input type="checkbox"/> Rank and File BU: <input type="checkbox"/> E48				
RESPONSIBILITIES EXERCISED <input type="checkbox"/> Supervisory <input type="checkbox"/> Lead Person		IMMEDIATE SUPERVISOR (Print) Kyle Bickler	SUPERVISOR'S CLASSIFICATION Supervising Engineer, Water Resources	
APPROVED BY (Personnel Analyst's Name) Sydney Mecke			DATE 6/29/2026	
<i>Percent of Time</i>	<i>Activity</i>			
	<p>POSITION SUMMARY</p> <p>Under general direction of the Manager, Project Support Section (PSS), the Senior Engineer, Water Resources (Specialist) leads matrixed staff responsible for supporting implementation of urban flood risk reduction programs including U.S. Army Corps of Engineer (USACE) Projects and Feasibility Studies, Urban Flood Risk Reduction and Early Implementation Projects, Systemwide Flood Risk Reduction projects, and other flood risk reduction projects identified in the Central Valley Flood Protection Plan.</p> <p>The incumbent supports the PSS Manager management roles and responsibilities of Resource Planning and Program Execution; Coordination and Communication; Interaction and Alignment; Finance and Governance; and Management and Administration are implemented.</p> <p>ESSENTIAL FUNCTIONS</p> <p>This position requires that the incumbent establish and maintain confidence and cooperation of others; maintain regular, consistent, predictable attendance; and exercise good judgment. The incumbent must communicate, coordinate, and collaborate with many engineering and environmental managers internally within Department of Water Resources (DWR) and externally with a broad group of partnering agencies.</p> <p>The incumbent must exercise competent independent judgment, analyze situations accurately and take effective action, establish and maintain cooperative relations with other agencies, represent DWR at meetings and hearings of sensitive nature, assist higher level management in administrative issues, dictate correspondence, and effectively contribute to DWR.</p> <p>The specific duties are, but are not limited to, the following:</p>			
SUPERVISOR'S STATEMENT: I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE.				
SUPERVISOR'S NAME (Print) Kyle Bickler		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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Vacant	TBD	DFPI/FPB/Project Support Section	
<i>Percent of Time</i>	<i>Activity</i>		
40%	<p>Resource Planning and Program Execution</p> <p>Manage resources to ensure assigned projects have adequate resources to complete highly specialized flood risk reduction project implementation activities; support annual financial planning, tracking, and reporting, staffing, and consulting services; guide staff in the development and tracking of project scope, schedule, and resourcing; support preparation of five-year resource plans and program/project implementation plans; track and report on program metrics; ensure monitoring and completion of project deliverables as well as overall program delivery. Provide technical engineering guidance and direction to staff on technical policy issues, program and project deliverables, timetables, process improvements, and work priorities.</p> <p>This position will work in a matrix organization to support technical and environmental reviews as identified by Flood Projects Branch (FPB) project managers responsible for project implementation. Ensure the availability of technical resources to complete reviews of project design, permitting, construction, and environmental compliance documentation. Assist in the development of resource agreements with subject matter experts that specialize in the unique needs of Flood Management programs. Develop the scope, schedule, and resources needed to meet contractual and water code responsibilities and other physical or funding constraints. Assist in performing workload and risk assessments regarding resource management. Coordinate resources with Division of Engineering (DOE) Real Estate/Geodetic, DOE Inspections, DWR Legal, and other DWR resources inside and outside of the Division of Flood Planning and Improvements (DFPI); develop, amend, and manage architectural and engineering contracts and task orders. Perform project close-out activities and project management duties as necessary. Maintain Urban Levee Evaluation/Non-Urban Levee Evaluation data and direct inquiries for data. Support development and execution of the branch's engineering activities including managing resources that support project planning, environmental compliance, permitting, and technical review, verifying designs/documentation meets performance criteria, ensuring long-term operations and maintenance concerns are addressed, defining and including State's interests and priorities in project implementation documentation, and providing design and construction documentation oversight. Technical support includes economic analysis, hydrology and hydraulics, geomorphology, geotechnical exploration and design, geological analysis, structural, mechanical, and civil design used in the California Environmental Quality Act/National Environmental Policy Act compliance, real estate acquisition, utility relocations, and construction inspection.</p>		
20%	<p>Interaction and Alignment</p> <p>Interact with internal and external stakeholders to support the alignment of DFPI work with partnering agencies including USACE, U.S. Bureau of Reclamation, Central Valley Flood Protection Board (CVFPB), local flood control agencies, non-governmental organizations, and resource agencies such as the National Marine Fisheries Service and California Fish and Wildlife Service. Advance the Flood Management and Dam Safety mission; address regulatory issues; and frame statewide priorities by representing DFPI's flood risk reduction implementation activities at public venues including the CVFPB hearings/committees/workshops and locally sponsored venues.</p>		

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20%	<p>Represent DWR in committees, conferences, panels, hearings, and meetings with local government, federal government, other State agencies, the Executive and Legislative Branches, Congressional members and staff, non-governmental agencies, and the public.</p> <p>Program Coordination and Communication Communication and align activities related to implementation of flood risk reduction programs and projects, including integrated multi-benefit system improvements. Coordinate the technical engineering work and policy issues among programs in DWR and with partnering agencies; and demonstrate value of flood risk reduction programs to interested State, regional, or local partners. Support the preparation and implementation of strategic communications plans; and conduct public outreach, including meetings and workshops. Represent DWR in meetings with local agencies, State and federal agencies, and the public. This may include driving on public and private roadways. Prepare fact sheets, summaries, talking points, and other communication tools to communicate the value of flood risk reduction projects.</p> <p>Prepare and provide briefings for DFPI Leadership, DWR Executive Office, Public Affairs Office, Office of General Counsel, and other DWR organizations on FPB programs and projects. Prepare, support, and make recommendations to the Section Manager, Branch Manager, Division Manager, Deputy Director, Lead Deputy Director, or Director as required; represent the PSS Manager at meetings on matters related to the work of the PSS.</p>			
10%	<p>Management and Administration Progress work through alignment of available funding within the organizational structure; identify and document program accomplishments; and provide overall program delivery and accountability. Oversee and manage consultant resources, contract and task order development, and invoice processing. Perform special assignments and provide resources as needed for special assignments. Act for PSS Manager when required.</p>			
10%	<p>Finance and Governance Provide technical support to funding and policies for programs and projects to ensure these programs and projects demonstrate the value of completed or ongoing work. Support the development of Budget Change Proposals to support flood project implementation. Work with federal and local agencies to ensure annual funding needs are known, coordinated, and justified. Support development of finance plans at the branch level.</p>			

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	<p>OTHER RESPONSIBILITIES This position provides necessary support to Division of Flood Operations, Flood Planning and Improvements, 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 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.</p> <p>SPECIAL REQUIREMENTS Possession of a valid license as a Professional Civil Engineer in the field of Civil Engineering issued by the State of California.</p> <p>Possession of a valid California 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>		