

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION Senior Engineer, Water Resources		DWR POSITION NUMBER 2063-3261-500	SAP POSITION NUMBER 50012813	MCR 1
APPOINTEE Vacant		SAP PERSONNEL NO. TBD	DIVISION/SECTION O&M/ADMWM/Near-Term Modeling 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) James Wilde	SUPERVISOR'S CLASSIFICATION Supervising Engineer, Water Resources	
APPROVED BY (Personnel Analyst's Name) Sydney Mecke			DATE 03/04/2026	
<i>Percent of Time</i>	<i>Activity</i>			
35%	<p>POSITION SUMMARY Under the general direction of the Manager, Water Operations Branch, the Senior Engineer, Water Resources supervises, leads, organizes, and controls the Near-Term Modeling Unit.</p> <p>ESSENTIAL FUNCTIONS This position requires that the incumbent work cooperatively with others, exercise good judgment, maintain regular, consistent and predictable attendance. Also, the incumbent must be able to communicate effectively, both orally and in writing.</p> <p>Supervise staff who analyze and monitor hydrologic, hydraulic, water quality, and other conditions in the Sacramento-San Joaquin River Delta and the Oroville Complex. These analyses include evaluating the effects of future tidal action, inflows, and diversions on Delta water quality and seasonal water temperature analysis on the Feather River release from Oroville Lake. Recommend operational changes necessary to comply with State/Federal Bay-Delta related regulations such as water rights permit criteria, ESA requirements and contractual agreements with other agencies. Assist with the preparation of operational plans for use by the State Water Project (SWP) and the Central Valley Project (CVP) in their coordinated operation. Coordinate water studies assessing and documenting Water Transfers costs conveying water through the Delta.</p> <p>Plan, lead, organize, and control the staff and activities in order 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 (A&D) 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 regards to labor relations, and leading by example.</p>			
SUPERVISOR'S STATEMENT:		I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE.		
SUPERVISOR'S NAME (Print) James Wilde		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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<i>Percent of Time</i>	<i>Activity</i>		
30%	<p>Represent SWP interests by participating in workshops, meetings, and hearings on State and federal regulatory proceedings, including water rights and endangered species. This includes formulating alternative solutions; preparing Delta operational testimony, exhibits, and presentations; and coordinating the review/resolution of SWP-related issues. These issues may include contracts and agreements, Bay-Delta environmental compliance, Department of Water Resources (DWR) planning programs, and the scientific basis for regulatory proposals with other Department divisions, United States Bureau of Reclamation, State and federal contractors, regulatory agencies, and others. This function requires attendance of meetings away from the office, which will require the operation of automotive vehicles on public roadways and possible overnight stays, and the ability to communicate verbally with other participants.</p>		
15%	<p>Serve as Program Manager for the Near-Term Modeling Unit. Prepare the budget, progress reports and program component statements, fund center revisions, and other fiscal tracking and justification documents.</p>		
10%	<p>Direct staff to prepare and present SWP/CVP operations studies to assess water supply, water quality, and economic impacts of various alternative scenarios such as future facility modifications; Bay-Delta environmental criteria; and water transfer proposals.</p>		
5%	<p>Coordinate the installation/removal of flashboards at the Suisun Marsh Salinity Control Gates.</p>		
5%	<p>Provide briefings, policy recommendations and expert consultation on the above for SWP management and other agencies and groups.</p>		
	<p>KNOWLEDGE, SKILLS, AND ABILITIES Incumbent must be able to work at a personal computer or computer terminal for extended hours.</p>		
	<p>SPECIAL REQUIREMENTS: Employee is required to successfully complete all safety training related to the functions of the job.</p>		
	<p>Must be willing to work sometimes outside of normal business hours, travel, and stay overnight in various locations throughout the State of California.</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 REQUIREMENTS: 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, SWP, 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 Cal OES 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 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>			