

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION Engineer, Water Resources		DWR POSITION NUMBER 1720-3137-002	SAP POSITION NUMBER 50001345	MCR 1
APPOINTEE Vacant		SAP PERSONNEL NO.	DIVISION/SECTION DSOD/Field Engineering Branch/Region 1 Northern	
COLLECTIVE BARGAINING IDENTIFIER Management Related BU: <input type="checkbox"/> Supervisory Related BU: <input type="checkbox"/> Confidential Related BU: <input checked="" type="checkbox"/> Rank and File BU: R09				
RESPONSIBILITIES EXERCISED <input type="checkbox"/> Supervisory <input type="checkbox"/> Lead Person		IMMEDIATE SUPERVISOR (Print) Russell Bowlus	SUPERVISOR'S CLASSIFICATION Supervising Engineer, Water Resources	
APPROVED BY (Personnel Analyst's Name) Tammy Geer			DATE 3/11/2026	
<i>Percent of Time</i>	<i>Activity</i>			
	<p>POSITION SUMMARY Under the direction of the Supervising Engineer, Water Resources (Regional Engineer) in the Field Engineering Branch of the Division of Safety of Dams, the Engineer, Water Resources evaluates the safety, repair, alteration, or enlargement of jurisdictional dams and the construction of new dams in a designated region and may work in other regions depending upon the distribution of work within the branch.</p> <p>ESSENTIAL FUNCTIONS</p> <p>This position requires that the incumbent inspect all types of existing dams and assist with the inspection of construction of dams and appurtenant structures; work cooperatively with others; have excellent written and verbal skills; exercise good judgment; and maintain consistent and regular attendance. This position requires frequent overnight travel and driving a vehicle on public roadways and/or in the field on uneven terrain. The specific essential functions are:</p>			
25%	<p>Perform maintenance inspection activities under the direction of the Area Engineers. Conduct inspections and evaluate existing dams, reservoirs, and appurtenant structures to determine their adequacy to perform safely. Evaluations may include in-depth reviews of instrumentation data, plans, and the history of dams inspected. Make requests of owners to do maintenance or repair work as determined as part of the inspection and evaluation in the interest of safety. Also, consider any conditions which might require re-evaluation of the dam, reservoir, or appurtenant structure and bring to his/her supervisor's attention for further consideration.</p>			
25%	<p>Perform construction-related inspection activities under the direction of the Area Engineers. Participate in examining and evaluating proposed dam sites, foundation conditions, construction materials, construction procedures, and plans and specifications. Inspect and evaluate construction work involving new construction, enlargement, alteration, or repair of dams and appurtenant structures to assure compliance with approved plans and specifications. Under the lead of an Area Engineer, may be assigned responsibility for construction projects.</p>			
SUPERVISOR'S STATEMENT: I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE.				
SUPERVISOR'S NAME (Print) Russell Bowlus		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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25%	<p>Prepare technical reports and memoranda pursuant to construction and maintenance inspections, operational evaluations, investigations, and plans and specification reviews. Prepare correspondence to dam owners with regard to construction, operation and maintenance of dams, and reply to general public inquiries; assist in preparing certificates for authorization to store water and orders when necessary to enforce specific work instructions.</p>		
10%	<p>Under the direction of the Area Engineers, investigate and determine the jurisdictional status of dams; perform administrative follow-up for possible legal action to abate violations as necessary; prepare presentations for consulting boards, public hearings, and other projects of importance to the public. Prepare recommendations and documentation regarding conformance with the California Environmental Quality Act (CEQA).</p>		
10%	<p>As needed, perform duties associated with other engineering branches. These duties may include, but are not limited to, maintenance inspections, construction inspections, design reviews, risk assessments, reevaluations, and inundation map reviews.</p>		
5%	<p>Assist Area Engineers with special reviews. Review plans and specifications, and special technical reports with regards to field engineering considerations.</p>		
	<p>ADDITIONAL RESPONSIBILITIES Indirectly exercises supervision over owners and their engineers in securing compliance with approved plans and specifications for work under construction; and over owners and their staff in assuring certified dams are being satisfactorily operated and maintained. The above duties call upon exercising mature judgment in making decisions with respect to potentially unsafe conditions. Failure to render competent decisions may lead to unsafe dams, or conversely may place undue financial burden upon owners of dams through unnecessary expenditures.</p>		
	<p>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, floods, dam (SWP and other) incidents and emergencies. Additionally, this position may participate in emergency operations in the capacity of area teams, field inspection, or coordination; and, assist agencies such as CalOES and FEMA in disaster work, including performing field work 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, recover, and mitigation functions. These functions are established in the California State Emergency Plan and the Department's Administrative Orders. 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>		

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	<p>SPECIAL REQUIREMENTS</p> <p>Must possess a valid California Driver's License; be able to travel by airplane, vehicle, and/or other forms of transportation with some overnight travel as required; be physically able to inspect all types of existing dams and their appurtenant structures and the construction of new dams to determine their adequacy to perform safely; be able to walk on dam faces and crests, climb ladders, enter confined spaces such as outlet pipelines, and perform other similar physical activity.</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>		