

**JOB DESCRIPTION AND POSITION CLASSIFICATION**

CLASSIFICATION <b>Senior Engineer, Water Resources</b>		DWR POSITION NUMBER <b>1720-3261-013</b>	SAP POSITION NUMBER <b>50001300</b>	MCR <b>1</b>
APPOINTEE		SAP PERSONNEL NO.	DIVISION/SECTION <b>DSOD/Field Engineering Branch Region 2 Central</b>	
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"/> <b>E48</b>				
RESPONSIBILITIES EXERCISED <input type="checkbox"/> Supervisory <input checked="" type="checkbox"/> Lead Person		IMMEDIATE SUPERVISOR (Print) <b>Timothy Jimenez</b>	SUPERVISOR'S CLASSIFICATION <b>Supervising Engineer, Water Resources</b>	
APPROVED BY (Personnel Analyst's Name) <b>Marissa Arriaga</b>			DATE <b>4/21/26</b>	
<i>Percent of Time</i>	<i>Activity</i>			
	<b>POSITION SUMMARY</b> Under the general direction of the Supervising Engineer, Water Resources, the Senior Engineer, Water Resources evaluates the highly technical and more complex safety performance of jurisdictional dams in an assigned area of up to ten counties and is responsible for supervising the construction, enlargement, alteration, and repair of dams in assigned counties. The incumbent also acts as a lead person to other Engineers, Water Resources.			
	<b>ESSENTIAL FUNCTIONS</b> This position requires that the incumbent work cooperatively with Division Staff, dam owners, consultants, and the general public. Must have excellent communication skills, exercise good judgment, and maintain consistent, regular, and predictable attendance. The specific essential duties are:			
<b>30%</b>	Examine and evaluate the highly technical and more complex construction work as part of a new dam construction, or as part of an enlargement, alteration, or repair of existing dams for compliance with approved plans and specifications. Evaluate the adequacy of the dam foundation in accordance with the approved plans and specifications to form a safe impervious barrier; review the preparation, quality and suitability of construction materials; approve or disapprove proposed changes in methods or materials of construction and make recommendations for construction revisions and possible needs for design changes due to changed conditions in the field. This position requires the incumbent to drive a vehicle under difficult driving conditions on public roadways and or in the field on uneven terrain.			
<b>30%</b>	Evaluate the operation of existing dams and reservoirs and appurtenant structures to determine their adequacy to perform safely. Review instrumentation data and history of the inspected dams and reservoirs. Inspect an area of jurisdictional dams at scheduled intervals or as necessary. Determine the required maintenance or repair work in the interest of dam safety. Consider any conditions which might require reevaluation of the dam, reservoir, or appurtenant structures, and make recommendations for any required investigation.			
SUPERVISOR'S STATEMENT: <b>I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE.</b>				
SUPERVISOR'S NAME (Print) <b>Timothy Jimenez</b>		SUPERVISOR'S SIGNATURE ➤		DATE
EMPLOYEE'S STATEMENT: <b>I HAVE DISCUSSED WITH MY SUPERVISOR THE DUTIES OF THE POSITION AND HAVE RECEIVED A COPY OF THE DUTY STATEMENT.</b>				
EMPLOYEE'S NAME (Print)		EMPLOYEE'S SIGNATURE ➤		DATE

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<i>Percent of Time</i>	<i>Activity</i>		
<b>25%</b>	<p><b>Prepare the more complex technical reports following construction and operational inspections, or following examinations, investigations, plans and specification reviews. Prepare correspondence to dam owners with regard to construction, operation, and maintenance of dams, respond to general public inquiries. Prepare certificates for storage authorization. Prepare directives and orders when necessary to enforce specific instructions.</b></p>		
<b>10%</b>	<p><b>Examine, investigate, and evaluate proposed dam sites and construction materials. Review plans, specifications, and special reports regarding field engineering considerations. Investigate, evaluate, and make determinations for illegal dams. Make court appearances and give depositions regarding administrative and technical matters involving dams as required. Consult with legal staff; prepare material for Attorney General's Office in preparation for legal action. Prepare and make presentations to consulting boards, public hearings, and other projects of importance to the public. Prepare documentation and make recommendations regarding conformance with the California Environmental Quality Act (CEQA).</b></p>		
<b>5%</b>	<p><b>May act for the Supervising Engineer during periods of absence as necessary. 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 satisfactorily operated and maintained.</b></p> <p><b>OTHER RESPONSIBILITIES</b>  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> <p><b>SPECIAL REQUIREMENTS</b>  <b>Must possess a valid California Driver License and be able to travel by airplane and/or a vehicle to different areas of California with some overnight travel, as required.</b></p> <p><b>Possession of a valid certificate of registration as a civil engineer issued by the California State Board of Registration for Professional Engineers.</b></p> <p><b>Must be able to inspect dams; including walking dam faces, climbing abutments, and other similar physical activity; must be able to inspect dams, including subsurface exploration excavations.</b></p>		

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	<p><b>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.</b></p> <p><b>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.</b></p>			