JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION	DWR POSITION NUMBER	SAP POSITION NUMBER	MCR
Senior Engineer, Water Resources	**1720-3261-013**	**50001300**	**1**

APPOINTEE	SAP PERSONNEL NO.	DIVISION/SECTION
		DSOD/Field Engineering Branch Region 2 Central

COLLECTIVE BARGAINING IDENTIFIER

Management Related BU:	Supervisory Related BU:	Confidential Related BU:	Rank and File BU:
☐	☑ **E48**	☐	☐

RESPONSIBILITIES EXERCISED	IMMEDIATE SUPERVISOR (Print)	SUPERVISOR'S CLASSIFICATION
☐ Supervisory ☑ Lead Person	**Timothy Jimenez**	**Supervising Engineer, WR**

APPROVED BY (Personnel Analyst's Name)	DATE
Marissa Arriaga	**11/10/26**

Percent of Time	*Activity*
	POSITION SUMMARY **Under the general direction of the Supervising Engineer, Water Resources (Regional Engineer) in the Field Engineering Branch of the Division of Safety of Dams (DSOD), the Senior Engineer, Water Resources evaluates the highly technical and more complex safety performance of jurisdictional dams in an assigned area 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.**
	ESSENTIAL FUNCTIONS **This position requires that the incumbent work cooperatively with DSOD Staff, dam owners, consultants, and the general public. Must have excellent communication skills, exercise good judgment, and maintain consistent, regular, and predictable attendance. This position requires potentially frequent overnight travel and driving a vehicle on public roadways and/or in the field on uneven terrain. The specific essential duties are, but are not limited to, the following:**
25%	**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 dam foundations 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.**
25%	**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 work instructions.**

SUPERVISOR'S STATEMENT: **I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE.**

SUPERVISOR'S NAME (Print)	SUPERVISOR'S SIGNATURE	DATE
Timothy Jimenez	➢	

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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Percent of Time	*Activity*
20%	**Evaluate the operation of existing dams, reservoirs, and appurtenant structures to determine their adequacy to perform safely. Review instrumentation data and history of the inspected dams and reservoirs. Inspect an assigned 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.**
10%	**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 the 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 environmental reviews and write letter responses, if necessary, for projects regarding conformance with the California Environmental Quality Act (CEQA).**
10%	**Contribute in a lead role to the Division's emergency response efforts for dam incidents. Additionally, participate in dam owner's emergency action plan training and exercises. Support the Division's emergency response planning efforts, which includes reviewing and providing feedback on DSOD's emergency response procedures and participating in training seminars and tabletop exercises.**
10%	**May act for the Supervising Engineer during periods of absence as necessary. Indirectly exercises supervision over dam owners and their engineers in securing compliance with approved plans and specifications for work under construction; and over dam owners and their staff in assuring certified dams are satisfactorily operated and maintained. 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.**
	SPECIAL REQUIREMENTS
	This position provides necessary support to the Security and Emergency Management Program and 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 CalOES 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 an Incident Command System section 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.

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	Must possess a valid Driver License and be able to travel by airplane and/or a vehicle to different areas of California with some overnight travel, as required. **Possession of a valid certificate of registration as a civil engineer issued by the California State Board of Registration for Professional Engineers.** **Must 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.** **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.** **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.**