

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION Engineer, Water Resources		DWR POSITION NUMBER 3811-3137- XXX	SAP POSITION NUMBER 50001889	MCR 1
APPOINTEE Vacant		SAP PERSONNEL NO. TBD	DIVISION/SECTION DOE / CB / Oroville Project Headquarters	
COLLECTIVE BARGAINING IDENTIFIER Management Related BU: ☐ Supervisory Related BU: ☐ Confidential Related BU: ☒ Rank and File BU: R09				
RESPONSIBILITIES EXERCISED ☐ Supervisory ☐ Lead Person		IMMEDIATE SUPERVISOR (Print) Vacant		SUPERVISOR'S CLASSIFICATION Senior Engineer, Water Resources
APPROVED BY (Personnel Analyst's Name) Estevez Contreras				DATE 09/10/2026
<i>Percent of Time</i>	<i>Activity</i>			
45%	POSITION SUMMARY: Under the direction of the Senior Engineer, Water Resources (WR), the incumbent performs construction engineering duties for the Construction Branch projects to ensure construction contracts for the Oroville/Thermalito complex are completed on schedule, and in accordance with Division requirements and project specifications.			
	ESSENTIAL FUNCTIONS: This position requires the incumbent to work cooperatively with others and maintain consistent, regular and predictable attendance. The specific essential duties are, but not limited to, the following:			
30%	Perform construction engineering tasks at the Oroville Project Headquarters and/or assigned field construction office such as: review engineering designs, plans, specifications, and estimates for construction of State Water Project hydraulic facilities including dams, levees, buildings, spillways, and other appurtenances associated with DWR facilities in conformance with engineering standards, applicable codes and regulations. Review incoming contractor's correspondence to prepare appropriate responses; prepare contract change orders, potentially develop designs in the field and make engineering calculations, assess on-site conditions to determine if changes orders are necessary when on-site work not consistent with contract; prepare memoranda directing contractor's work progress; prepare construction schedules and state estimates, and final construction documentation. Evaluate and liaise with Design Branches to resolve construction issues which may arise from changed field conditions. Evaluate inspection reports and provide recommendations to consultants and Field Engineer for conformance with DWR/DOE Procedure Manual for Construction. Utilize Microsoft Project and/or Primavera Project Planner software to evaluate construction schedules.			
SUPERVISOR'S STATEMENT: I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE.				
SUPERVISOR'S NAME (Print) Vacant		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>			
25%	Prepare daily construction and civil engineering inspection reports and maintain field records of on-going and completed work. Review manufacturer and contractor submittals and methods of fabrication and installation. Inspect the work to confirm compliance with contractual requirements and accepted principles, practices, procedures and methods of engineering. Travel to job sites throughout the State as necessary to produce estimates as directed, which may involve driving a pick-up truck or other vehicle off road on rugged or uneven terrain to and from job sites; walking on rugged or uneven terrain to inspect slopes, embankments, tunnels, pipes, and other enclosed areas. Review preliminary civil structure plans and specifications for upcoming construction projects. Assist in the finalization of as-installed drawings. Perform civil engineering evaluations, computations, tabulations, and checking of construction survey notes. And other duties as assigned. 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, 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 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. DIVERSITY, EQUITY, AND INCLUSION 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. SPECIAL REQUIREMENTS Must possess a valid California driver's license when conducting State business that requires driving a vehicle. May be required to travel on public roadways including traveling to remote areas. Travel on short notice and overnight lodging will be required on some trips. The position also requires that the incumbent be alert around the operation of construction equipment and be able to perform safely in and around construction sites. 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.			