

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION Engineering Geologist		DWR POSITION NUMBER 7600-3756-002	SAP POSITION NUMBER 50073778	MCR 1
APPOINTEE Vacant		SAP PERSONNEL NO. TBA	DIVISION/SECTION Regional Assistance/Groundwater Management	
COLLECTIVE BARGAINING IDENTIFIER Management Related BU: <input type="checkbox"/> Supervisory Related BU: <input type="checkbox"/> Confidential Related BU: <input type="checkbox"/> Rank and File BU: <input checked="" type="checkbox"/> R09				
RESPONSIBILITIES EXERCISED <input checked="" type="checkbox"/> Supervisory <input type="checkbox"/> Lead Person		IMMEDIATE SUPERVISOR (Print) Dane Mathis	SUPERVISOR'S CLASSIFICATION Supervising Engineering Geologist	
APPROVED BY (Personnel Analyst's Name) Jennifer Greathouse			DATE 4-12-24	
<i>Percent of Time</i>	<i>Activity</i>			
	<p>POSITION SUMMARY</p> <p>Under the close supervision of the Senior or Supervising Engineering Geologist, the Engineering Geologist conducts less difficult geologic, hydrologic, and water quality investigations, using appropriate scientific methods. The position requires attendance at meetings, workshops, training, field work, and other work-related activities which may require consecutive days of travel and overnight stays. The position is headquartered at the South Central Region Office in Fresno.</p> <p>ESSENTIAL FUNCTIONS</p> <p>This position requires the incumbent to work independently; exercise sound professional judgment; work cooperatively with others; maintain regular, consistent, and predictable attendance; analyze situations accurately and take effective action; communicate effectively; and give accurate and complete presentations and briefings. The specific essential functions of the position are, but are not limited to, the following:</p>			
30%	<p>Research, review, evaluate, organize, collect, compile, analyze, and disseminate hydrological data. Additional duties include analyzing the adequacy of existing and proposed groundwater monitoring programs, along with conducting geologic and hydrological assessments of groundwater basins and reporting on the status of those groundwater basins. The incumbent will be required to analyze situations accurately and take effective action, as well as provide technical assistance and work cooperatively with Department programs, including the Sustainable Groundwater Management Program, California Statewide Groundwater Elevation Monitoring Program, Bulletin 118, and others as required.</p>			
30%	<p>Review bond fund loans and grant applications, track progress of funded applications, assist in the management of contracts, consult with others in administering contracts, and prepare progress and final reports under supervision from the Senior or Supervising Engineering Geologist.</p>			
SUPERVISOR'S STATEMENT: I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE.				
SUPERVISOR'S NAME (Print) Dane Mathis		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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20%	<p>Analyze, prepare, and review technical reports and professional papers concerning geologic, hydrologic, and groundwater conditions, under the supervision of the Senior or Supervising Engineering Geologist. Other duties include organizing, preparing, and implementing geological field studies and investigations; including the collection, analysis, and interpretation of field and analytical data, along with the preparation of geologic and hydrologic maps, cross-sections, charts, and graphs. Prepare technical reports and present information about geologic, groundwater, and water quality conditions and/or issues in a public setting. The position requires driving a vehicle on public roadways or on uneven terrain.</p>		
15%	<p>Provide Department disseminated information to public organizations, private organizations, and individuals. Respond to requests and questions through written correspondence, electronic mail, and personal communication in the areas of geology, hydrology, and groundwater.</p>		
5%	<p>Prepare memorandums and bulletins that may be required of the Department. Prepare and administer contracts for laboratory, drilling, and other services required in geologic, hydrologic, and water quality studies.</p>		
	<p>OTHER RESPONSIBILITIES</p> <p>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>PHYSICAL WORK REQUIREMENTS</p> <p>The position may require incumbent to perform field work requiring overtime, alternate shifts, travel, and overnight stays, while working in remote areas, working under adverse weather conditions, bending and climbing, moving heavy objects, and traversing steep slopes.</p>		

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	<p>SPECIAL REQUIREMENTS</p> <p>Possess a valid California driver license with a good driving record. Field work may require operating various vehicles including trucks, four-wheel drive vehicles, all-terrain vehicles, and vehicles with trailers.</p> <p>The Department values diversity at all levels and fostering an environment in which employees from a variety of backgrounds, cultures, and personal experiences are welcomed and can thrive. 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 (DWR) is committed to its mission and employees, and we are grounded in our commitment to public safety. DWR offers a hybrid workplace model that is designed to support a workforce of both office-centered and remote-centered workers. Regular and consistent attendance - whether office-centered or remote-centered - is essential to the successful performance in this position.</p>		