

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION Engineering Geologist		DWR POSITION NUMBER 4400-3756-008	SAP POSITION NUMBER 50004960	MCR 1
APPOINTEE VACANT		SAP PERSONNEL NO. TBD	DIVISION/SECTION Regional Assistance / Groundwater & Geologic Inv	
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) Monique Gaido	SUPERVISOR'S CLASSIFICATION Senior Engineering Geologist	
APPROVED BY (Personnel Analyst's Name) S. Meeks			DATE 10/6/26	
<i>Percent of Time</i>	<i>Activity</i>			
	POSITION SUMMARY: Under the supervision of the Senior Engineering Geologist in the Groundwater and Geologic Investigations Section of the Regional Planning Branch, Division of Regional Assistance (Division), Northern Region Office (NRO), the Engineering Geologist will perform geological work such as groundwater investigations, studies, and related activities using appropriate scientific methodologies and technical methods. This position supports the Sustainable Groundwater Management Program (SGMP), State Water Project, and other Department and Division programs.			
40%	ESSENTIAL FUNCTIONS: This position requires the incumbent to work cooperatively with others in both the office and field, and maintain regular, consistent, and predictable attendance; to exercise good judgment; and participate in a variety of meetings, including ongoing training and developmental opportunities. The specific essential duties are: Organize, plan, and conduct engineering geologic, hydrogeologic, and geomorphic investigations in the field and in the office. This may require driving on public roadways and off-road on rugged or uneven terrain. Investigations include geologic and groundwater mapping, sampling and monitoring; groundwater well borehole logging, design, and construction; groundwater substitution water transfer evaluations and analysis; groundwater quality studies; groundwater recharge and land subsidence studies; geophysical and seismic studies; and aquifer performance testing. Collect and analyze data related to geology, hydrogeology, land subsidence, and fluvial geomorphology. Conduct literature research, perform hydrogeologic modeling, review and prepare reports. Participate in and assist with group research.			
30%	Provide data and technical assistance to local agencies, groundwater sustainability agencies, and state, federal, and Tribal partners in support of Department programs and projects. Support SGMA implementation through review of groundwater sustainability plans, annual reports, and periodic evaluations. Analyze groundwater data, review groundwater models, and use GIS and modeling software to present data. Attend and participate in Department, SGMP and Division meetings in the Northern Region. This may require driving on public roadways.			
SUPERVISOR'S STATEMENT: I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE.				
SUPERVISOR'S NAME (Print) Monique Gaido		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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VACANT		TBD	Regional Assistance / Groundwater & Geologic Inv		
Percent of Time	Activity				
30%	Prepare project reports to communicate progress. Review technical reports for accuracy and content. Perform quality assurance and quality control checks of project-related data. Correspond effectively with supervisor, coworkers, and external parties verbally and in writing. Conduct oral presentations to internal or external program partners. Provide general public assistance by responding to and answering data requests. Review grant applications and manage grants for SGMP and Department programs. All employees are expected to complete time recording documentation, administrative documents to support program purchases, contracts, travel, and meetings by the required deadlines. This documentation should be of such clarity and completeness that it provides the Department and program with defensible information in an audit. 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 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. SPECIAL REQUIREMENTS Must possess a valid California driver's license to drive a personal, rental, or State vehicle to meetings, conferences, trainings or project sites. Must be able to travel, using overnight lodging on short notice, for several consecutive days at a time, traveling to facilities or field locations, via air travel or other means of transportation. Must have flexibility for working irregular hours, including weekends and holidays. PHYSICAL REQUIREMENTS Field work may require strenuous physical activities, including: - Work on and around swift moving waterways and swim or stay afloat in case of capsizing. - Capacity to perform field work for extended hours under a variety of extreme weather conditions. - Operate a pickup truck or other vehicle off-road on rugged or uneven terrain to and from sites, including possible transportation of trailer-based equipment. - Traverse and transport equipment over steep, remote, roadless areas. - Transport sampling equipment and samples weighing up to 50 pounds to and from vehicles. - Sit for extended periods of time.				

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	ABILITIES TO This position requires the ability to: - Communicate effectively with all levels of staff, supervisors, and managers. - Be responsive in a positive manner to maintain the confidence and cooperation of others. - Proficiently use Microsoft Office applications, including Teams, Word, Excel, Outlook and Powerpoint. - Maintain an up-to-date Outlook calendar. - Use GIS and modeling software to query data for analysis, mapping, and presentations. - Work independently, accurately, and efficiently while meeting project deadlines. - Prioritize and manage multiple tasks and programs with accuracy, precision, organization and attention to detail, and precision. - Safely operate standard, four-wheel drive, and all-terrain vehicles. 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. 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 successful performance in this position.			