

DUTY STATEMENT

ORGANIZATION (DIVISION/REGION/BOARD) Central Coast Water Board		UNIT Irrigated Lands	POSITION # 880-130-3756-XXX	DATE
NAME OF EMPLOYEE (IF APPLICABLE) VACANT				
CURRENT CLASSIFICATION Engineering Geologist			PROPOSED CLASSIFICATION (IF APPLICABLE)	
NAME OF SUPERVISOR VACANT				
CURRENT CLASSIFICATION OF SUPERVISOR Senior Engineering Geologist			REVIEWED AND APPROVED BY SIGNATURE	
SUPERVISION EXERCISED (IF APPLICABLE)				
1. DIRECTLY SUPERVISED			2. INDIRECTLY SUPERVISED	
NO. OF EMPLOYEES	CLASS TITLE	NO. OF EMPLOYEES	CLASS TITLE	
DESCRIPTION OF DUTIES: SUMMARIZE THE REGULARLY ASSIGNED DUTIES OF THE POSITION, EXPLAIN MOST IMPORTANT DUTIES FIRST. LIST THE PORTION OF TIME BY PERCENTAGE IN LEFTHAND COLUMN, EXTRA SHEETS MAY BE ATTACHED.				
% OF TIME	DUTIES			
25%	<p>Under the close supervision of a Senior Engineering Geologist and consistent with good customer service practices and the goals of the State and Regional Board's Strategic Plan, the incumbent is expected to be courteous and provide timely responses to internal/external customers, follow through on commitments, and to solicit and consider internal/external customer input when completing work assignments. Specific responsibilities include:</p> <p>Prepare and update permits and orders related to the Central Coast Water Board's goals to protect, restore, and improve water quality by addressing the highest priority issues in the central coast, which include improving resiliency to climate change and protecting drinking water, especially in disadvantaged communities. In particular, plan, coordinate, oversee, and complete tasks associated with administration and implementation of the Central Coast Water Board's agricultural order regulating discharges from irrigated lands. Specifically, evaluate compliance with the order's requirements for groundwater protection, which include well monitoring and reporting, provision of groundwater quality information to on-farm domestic supply well consumers, farm management practice implementation and reporting, irrigation and nutrient management, and achievement of specific quantifiable milestones for fertilizer application and nitrogen loading to groundwater regionwide and/or within specific geographic areas. Use Water Board databases such as GeoTracker and/or other data management systems for the purposes of data input and analyses, as well as compliance tracking.</p>			
25%	<p>Using established geologic and hydrogeologic principles and expertise, review and evaluate the adequacy of groundwater quality trend monitoring programs developed by individual farmers and third parties on behalf of the agricultural community. Coordinate with third parties and farmers on the development of comprehensive trend monitoring networks at various scales. Conduct specialized data analyses, including advanced statistical techniques and spatial analysis, to assess and confirm groundwater patterns and statistically significant trends in water quality over time. Clearly and concisely convey groundwater quality trend assessment results to internal and external</p>			

	interested parties.
15%	Coordinate with farmers and their representatives in development and implementation of plans for the agricultural community's determination of quantifiable milestones for minimizing nitrogen loading to groundwater in specific groundwater basins, subbasins, and other localized areas. Evaluate the adequacy of these milestones to achieve water quality objectives. Review and evaluate data to assess water quality impacts from management practices implemented by groups of farmers within localized areas. Provide regular updates to the public and Water Board on area-specific milestone development and nitrogen loading over time.
10%	Evaluate pollutant impacts to drinking water, particularly in disadvantaged communities in rural and agricultural areas served by domestic wells and small water systems. Evaluate replacement drinking water needs based on assessment of groundwater quality data, land use information, hydrogeologic characteristics, and public health considerations. Coordinate with individuals and communities, environmental justice organizations, local and state agencies, funding and technical assistance groups, legal representatives, and dischargers potentially responsible for impaired drinking water supplies, to oversee acquisition of interim and permanent replacement water. Direct submittal of work plans and assessment reports to evaluate pollutant discharge responsibility and address replacement water needs. Evaluate adequacy of replacement water plans and plan implementation. Prepare correspondence and, when necessary, enforcement orders requiring replacement water provision at little to no cost to the impacted individuals/communities.
10%	Review and comment on regulatory submittals, respond to questions from dischargers and the public, and communicate with stakeholders in a professional manner via site visits, telephone calls, email, and letters. Provide assistance to stakeholders to improve implementation and compliance with the agricultural order. Provide assistance to the Central Coast Water Board to update the website, prepare press releases, and prepare exhibits for Water Board hearings.
5%	Coordinate with dischargers, consultants, agencies, and the public associated with inspections of agricultural properties. Oversee collection of soil and/or groundwater samples in accordance with established sampling and quality control plans. Using technical skills, professional judgement, and familiarity with regulatory requirements, evaluate onsite activities and operational plans and procedures. Document observations, violations, and complaints; follow up with appropriate actions including coordination with the discharger and appropriate Water Board staff and implementation of enforcement actions, as necessary. Interpret and apply pertinent laws, regulations, plans, and policies.
5%	Represent the Water Board before the general public, special interest groups, technical committees, and governmental agencies regarding regulation and enforcement of requirements associated with beneficial use protection and enhancement. Develop and present oral and written reports (including analyses and recommendations) to the Board or other governing or regulatory boards and the public.
5%	Perform Other duties as required.