



Classification: Engineering Geologist
Position Number: 880-157-3756-009

DUTY STATEMENT

☐ CURRENT ☒ PROPOSED

RPA Number: 26-157-010	Classification Title: Engineering Geologist	Position Number: 880-157-3756-009
Incumbent Name: Vacant	Working Title: Engineering Geologist	Effective Date: TBD
Tenure: Permanent	Time Base: Full-Time	CBID: R09
Division/Office: Central Valley Regional Water Quality Control Board/Redding		Section/Unit: Forest Activities Unit
Supervisor's Name: Harvest Vieira		Supervisor's Classification: Senior Environmental Scientist (Supervisory)

Human Resources Use Only:

HR Analyst Approval: *Debra Fisher-Lin*

Date: 10/06/2026

General Statement

Under the close supervision of a Senior Environmental Scientist (Supervisory), and consistent with good customer service practices and the goals of the State and Central Valley Regional Water Quality Control Board's (Board) 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.

Position Description

The Engineering Geologist (EG) will perform and evaluate technical and policy work within the Redding Forest Practice Unit of the Forest Activities Program (FAP) and will oversee the implementation of timberland management activities within the Redding sub-region of the Central Valley Region. The EG will represent the Board in a multidisciplinary team of state agencies responsible for environmental review of forestland management projects in accordance with the California Environmental Quality Act (CEQA), evaluating geologic and hydrogeologic aspects of land management activities associated with timberland/forestland management to determine compliance with the California Water Code and the Boards' plans and policies. Using reasonable and sound geologic principles, the EG will 1) perform technical assessments of timberland/forestland management activities and reports to evaluate projects implementing construction/reconstruction/maintenance and use of erosion controls related to roads and watercourse crossings for water quality protection; 2) serve as a liaison to dischargers; 3) evaluate site

monitoring results and water quality data to assess timberland management practices for potential water quality degradation resulting from activities; 4) evaluate the effectiveness of management practice implementation including potential for negative cumulative effects; 5) conduct environmental and geologic investigations of timberland management activities to evaluate compliance with the California Water Code and Water Boards' plans and policies, including Waste Discharge Requirements and Monitoring and Reporting Program requirements.

Essential Functions (Including percentage of time):

40%	Coordinate with the California Department of Forestry and Fire Protection to review timber harvest plans (THPs), Working Forest Management Plans (WFMPs), Non-industrial Timber Management Plans (NTMPs), and timber harvesting plan Exemptions and Emergency Notices, to evaluate the impact of timberland/forestland management activities and practices on the quality and Beneficial Uses of Water. Using geologic expertise, conduct field inspections and develop recommendations to prevent, minimize and mitigate impacts to water quality from forest management, post-fire recovery, ecosystem restoration, and fuel reduction projects. Evaluation includes that of potential sediment production, hillslope stability, and mass soil movement as well as runoff and erosion control for roads and watercourse crossings. Implement and ensure compliance with the Central Valley Regional Water Quality Control Board's General Order for Waste Discharge Requirements for Discharges Related to Timberland Management Activities on a variety of non-federal projects with potential nonpoint source discharges. Gather data, perform environmental analysis, prepare reports, communicate orally and in writing with affected parties and agencies.
30%	Conduct inspections of timberland/forestland management activities to determine compliance with prescribed waste discharge requirements and the state's non-point source implementation policy to ensure that water quality objectives and permit conditions are met. Develop site-specific recommendations to prevent and minimize impacts to the Beneficial Uses of Water. Prepare inspection reports, correspondence, technical reviews, work summaries, and reports related to monitoring and assessment of timberland/forestland management activities. Prepare communications to dischargers including non-compliance issues, engage in settlement negotiations, and conduct enforcement in accordance with the Water Boards' Enforcement Policy. Compile project inspection, compliance and enforcement data into program systems. Provide support to other program staff including providing interpretation of slope stability, erosion potential, design of watercourse crossings, and design of Best Management Practices (BMPs) for erosion and runoff.
15%	Conduct and participate in various monitoring efforts designed to assess the effectiveness of BMPs used during timberland management activities for protection of water quality. Monitoring is both quantitative and qualitative. Collect field water quality measurements, collect samples of water, soil, and waste for analyses, and gather information and substantiating data for enforcement actions. Work with the State Water Board's Office of Enforcement, the District Attorney's office, and Attorney General's office in the development of administrative enforcement and/or other formal enforcement actions associated with activities conducted in



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	the forests of the region. Represent the Board's policies before the general public, special interest groups, technical committees, and governmental agencies in the review of timberland management projects. Fulfill the FAP's responsibilities to the office management and administrative staff by providing timely responses to internal and external customers.
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Marginal Functions (Including percentage of time):

10%	Carry out the mission of the Water Board, including, but not limited to, participating in public meetings, external stakeholder groups, and technical committees. Present information to the Water Boards, state and federal agencies, industry, and the public as needed. Use effective communication skills, knowledge of geologic processes, and professional judgment to clarify and/or interpret Board policy, water quality standards, and objectives. Respond to public complaints and spill notifications. Present oral reports to the Board or other governing or regulatory boards and the public as directed. Prepare maps, graphs, and other visual aids for presentations. Compile program information into appropriate databases in a timely and organized manner. Maintain proficiency in Microsoft Office Programs (Outlook, Word, Excel, PowerPoint, Teams, etc.) and ARC GIS.
5%	Perform other duties as required.

Typical Physical Conditions/Demands:

In the office, the job requires extensive use of a personal computer and the ability to sit/stand at a desk, utilize a computer and a keyboard for extended periods of time. Ability to lift 15 pounds. In the field, the job requires the incumbent to commute to remote areas on State business and safely transport, load and off-load, and ride in all-terrain vehicles. Navigating uneven, rugged terrain including slopes in excess of 65% and through thick vegetation for extended periods of time, in varied weather conditions including extreme temperatures is required for field inspections while carrying more than 40 pounds, standing/sitting/commuting for long periods of time, etc. Hours during field work may exceed a normal 8-hour workday.

Typical Working Conditions:

The incumbent works in an office building in Redding, in an enclosed office cubicle in a smoke-free environment and will participate in field work as required. The work schedule is Monday through Friday. Travel may be required locally and within the state.



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Supervisor Statement		
I certify this duty statement represents an accurate description of the essential functions of this position. I have discussed the duties of this position with the employee and provided the employee a copy of this duty statement.		
Supervisor Name	Supervisor Signature	Date
Employee Name	Employee Signature	Date