



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

DUTY STATEMENT

CURRENT PROPOSED

RPA Number: 23-157-029	Classification Title: Engineering Geologist	Position Number: 880-157-3756-009
Incumbent Name: Vacant	Working Title: Engineering Geologist	Effective Date: February 2024
Tenure: Permanent	Time Base: Full Time	CBID: R09
Division/Office: Central Valley Regional Water Quality Control Board/ Redding		Section/Unit: Forest Activities
Supervisor's Name: Cory Drenon		Supervisor's Classification: Senior Environmental Scientist

Human Resources Use Only:	
HR Analyst Approval:	Date:

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 Regional Water 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.
Position Description
The Engineering Geologist (EG) in the Timber Unit is responsible for providing timely and professional regulatory oversight of commercial timber harvesting activities. The EG is required to work independently, communicate effectively, manage multiple tasks and become proficient in technical and case management duties. Interagency coordination, scheduling and conducting independent field inspections, and the follow through of compliance and enforcement activities is required.



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Essential Functions (Including percentage of time):

35%	<p>Essential duties will focus on water quality effects resulting from timberland/forestland management activities and use of best management practices. Perform and evaluate technical and policy work within the Redding Unit of the Forest Activities Program (FAP). Using reasonable and sound geologic principles, oversee the implementation of timberland management activities within the Redding area sub-region of the Central Valley Region. Responsibilities include: serve as a liaison to numerous individual dischargers; perform technical assessment of plans and reports to evaluate projects implementing construction/reconstruction/maintenance and use of erosion controls related to roads and watercourse crossings for water quality protection; evaluate monitoring results and water quality data to assess timberland management practices for potential water quality degradation resulting from activities; evaluate effectiveness of management practice implementation including potential for negative cumulative effects; and conduct environmental and geologic investigations of timberland management activities and operations to evaluate compliance with the California Water Code and Water Boards' plans and policies, including Waste Discharge Requirements and Monitoring and Reporting Program requirements. Review proposed timber harvest activities including timber harvest plans, timber emergencies, exemptions, conversions, post-fire salvage and vegetation management projects. Review technical reports for potential impacts to surface waters from erosion. Conduct inspections to evaluate field conditions/compliance of timber harvest activities and other forestland uses. Evaluate management methods and erosion potential of areas to be disturbed, road building and watercourse crossing installation. 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.</p>
30%	<p>Compile project inspection, compliance and enforcement data into program systems. Prepare documentation of policy and regulations interpretation for the state timber harvest California Environmental Quality Act (CEQA) review process and other related state processes. Prepare professional inspection reports, correspondence, technical reviews, work summaries, and progress reports related to monitoring and assessment of timberland management activities. Develop site-specific recommendations to prevent erosion and sediment related water quality impacts. Provide support to other program staff including interpretation of slope stability, erosion potential, design of erosion and runoff best management practices.</p>



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20%	<p>Conduct and participate in various monitoring efforts designed to assess the effectiveness of Best Management Practices (BMPs) used during timberland management activities for protection of water quality. Monitoring is both quantitative and qualitative. Conduct investigations of timberland management to ascertain 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. Conduct site inspections, collect field water quality measurements, collect samples of water, soil, and waste for analyses, and gather information and substantiating data for enforcement actions. Prepare communications to dischargers for non-compliance, engage in settlement negotiations, and bring enforcement orders to the Water Board. Work with the State Water Board's Office of Enforcement, the District Attorney's office, or Attorney General's office in the development of administrative enforcement and/or other formal enforcement actions associated with activities conducted in the forests of the region. Provide expert testimony to the Central Valley Water Board and/or in court.</p>
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Marginal Functions (Including percentage of time):

10%	<p>Carry out the mission of the Board, including, but not limited to, participating in public meetings, external stakeholder groups, and technical committees. Present information to Water Board(s), state and federal agencies, industry, and the public, as needed. Use communication skills, knowledge of geologic processes and professional judgment to clarify and/or interpret Board policy, water quality standards, and Board objectives. 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 as appropriate. Compile program information into appropriate databases in a timely and organized manner.</p>
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5%	<p>Perform other duties as required.</p>
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Typical Physical Conditions/Demands:

The job requires extensive use of a personal computer and the ability to sit/stand at a desk, utilize a phone, and type on a keyboard for extended periods of time. Ability to lift 15 pounds, bend and reach above shoulders to retrieve files and/or documents. Field inspections require navigation of uneven, rugged terrain and traversing slopes in excess of 65% while navigating through thick vegetation, in inclement weather and extreme temperatures while carrying 15 lbs. Inspection hours exceeding a normal 8-hour workday may be required to complete inspection objectives.

Typical Working Conditions:

The incumbent works on the 2nd floor of an office building in Redding, in a non-windowed office cubicle in a smoke-free environment. The work schedule is Monday through Friday. Travel is required locally and within the state, with occasional overnight travel required (10%).



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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 Statement

I have discussed these duties with my supervisor and have been provided a copy of this duty statement. I certify I have read, understand, and can perform the duties of this position either with or without reasonable accommodation*.

**A Reasonable accommodation is any modification or adjustment made to a job, work environment, or employment practice or process that enables an individual with a disability or medical condition to perform the essential functions of his or her job or to enjoy an equal employment opportunity. (If you believe reasonable accommodation is necessary, check yes. If unsure of a need for reasonable accommodation, inform the hiring supervisor, who will discuss your concerns with the Reasonable Accommodation Coordinator.)*

Do you need a reasonable accommodation to perform the essential functions of this position?

YES **NO**

Employee Name	Employee Signature	Date