



Classification: Engineering Geologist  
 Position Number: 880-110-3756-067/068

**DUTY STATEMENT**

CURRENT       PROPOSED

<b>RPA Number:</b> 24-110-047/048	<b>Classification Title:</b> Engineering Geologist	<b>Position Number:</b> 880-110-3756-067/068
<b>Incumbent Name:</b> Vacant	<b>Working Title:</b> Engineering Geologist	<b>Effective Date:</b> TBD
<b>Tenure:</b> Permanent	<b>Time Base:</b> Full time	<b>CBID:</b> R09
<b>Division/Office:</b> North Coast Regional Water Quality Control Board – Santa Rosa or Eureka		<b>Section/Unit:</b> Watershed Assessment & Recovery Unit
<b>Supervisor’s Name:</b> Vacant		<b>Supervisor’s Classification:</b> Senior Engineering Geologist

<b>Human Resources Use Only:</b>	
<b>HR Analyst Approval:</b> Danielle Klemencic	<b>Date:</b> 10/29/2024

<b>General Statement</b>
Under the close supervision of a Senior Engineering Geologist 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.
<b>Position Description</b>
The Engineering Geologist is responsible for conducting the work outlined in this Duty Statement. Work includes supporting recovery of sediment and temperature impaired watersheds in the North Coast Region through assessment, inspection, contracts, grants, order development, and order implementation, with a focus on road related sediment discharges. The initial area of focus for the unit will be the Gualala River watershed, with work expanding to other watersheds over time.
The position requires knowledge of water quality statutes and regulations; rural road construction; erosion control design and maintenance; hillslope processes and slope stability; geomorphology and hydrology; and watershed analysis of multiple land use projects and their impacts on fisheries, water supply, and other beneficial uses of water.



**Essential Functions (Including percentage of time):**

40%	<p>Develop and implement an order (or orders) to inventory, assess, prioritize, and treat roads to address road related discharges of sediment in assigned watershed(s) (Roads Order), including development of monitoring and reporting requirements to assess site conditions pre- and post-treatment to determine effectiveness of the order. Conduct monitoring, data entry, data management, data analysis, and data reporting; field inspections and report writing, written and oral communications with affected parties and agencies; environmental analysis; and Tribal Consultation. Support implementation of the Water Board’s Racial Equity Resolution, Racial Equity Action Plan, Human Right to Water Resolution, and Climate Change Resolution by ensuring the Roads Order is developed and implemented in a manner that promotes Racial Equity and is consistent with California Water Code section 13149.2.</p>
30%	<p>Conduct outreach and interested parties’ meetings and workshops to educate landowners on the requirements of the Roads Order for assigned watersheds. Conduct field inspections (including inspections conducted using all-terrain vehicles [ATVs] and helicopters) and develop inspection reports. Transmit inspection findings and recommendations to landowners and conduct enforcement actions as necessary. Develop and give presentations and program updates at board meetings, outreach events, and interested parties’ meetings. Ensure that interested parties and other outreach efforts are conducted in a transparent and inclusive manner in accordance with California Water Code section 13149.2.</p>
10%	<p>Develop and manage a contract (or contracts) to evaluate current conditions in sediment impaired watersheds and aid in site prioritization for implementation actions. Integrate information gained from contract work into the Roads Order(s) and Total Maximum Daily Loads (TMDL) Action Plan implementation activities as appropriate. Seek grant and funding opportunities to aid implementation work needed to recover sediment conditions in North Coast watershed.</p>



10%	<p>Support development of Action Plans for U.S. Environmental Protection Agency (USEPA) Established Sediment TMDLs and implementation of the Policy for the Implementation of the Water Quality Objectives for Temperature, including the development of orders to control sediment and temperature discharges of waste from roads. Actions include ensuring orders are developed and implemented in a manner that promotes Racial Equity, conducting consultations, and conducting analyses and developing findings consistent with California Water Code section 13149.2. Conduct complex environmental scientific investigations, analyses, and inspections in TMDL watersheds to evaluate sources of sediment and temperature pollution. Support and participate in meetings and workplan development to identify and update sediment targets and thresholds for interpreting narrative sediment related water quality objectives in various North Coast Watersheds, including supporting updates and actions identified in the Workplan to Control Excess Sediment in Sediment-Impaired Watersheds.</p>
5%	<p>Represent Regional Water Board interests and policies before the public, special interest groups, technical committees, and governmental agencies. Review complaints from the public or other agencies and conduct follow-up actions to address threatened or existing nonpoint source pollution sources. Coordinate with Regional Board Enforcement Unit including, but are not limited to, outreach to landowners, complainants, agencies, or other interested parties; coordination of and participation in field inspections; field inspection documentation and report writing, development of notices of violation; and progressive enforcement actions.</p>
<b>Marginal Functions (Including percentage of time):</b>	
5%	<p>Perform other duties as required.</p>
<b>Typical Physical Conditions/Demands:</b>	
<p>The job requires the use of a personal computer and the ability to sit/stand at a desk and type on a keyboard for extended periods of time. The position will also require staff to go into the field for inspections, meetings, and other purposes. Staff will require the ability to lift 20 pounds, bend, and reach above shoulders to retrieve files, documents, and perform field work. Staff need to be able to navigate uneven, rugged terrain for extended periods of time in environmental conditions that may include extreme temperatures, ticks, and poison oak. Staff will be required to ride ATVs (will need to complete ATV training) and will need to ride in a helicopter for some inspections.</p>	
<b>Typical Working Conditions:</b>	
<p>The position is in an office building with cubicles, in a smoke-free environment. Currently, teleworking up to three days a week is an option with supervisor's approval. The work schedule is Monday through Friday, although alternate work schedules are possible with supervisor approval. Work-related travel is required and may include 4-6-hour drives one way and overnight stays.</p>	



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<b>Supervisor Statement</b>		
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 with a copy of this duty statement.		
Supervisor Name	Supervisor Signature	Date
Employee Name	Employee Signature	Date