



Classification: Engineering Geologist
 Position Number: 880-150-3756-021

DUTY STATEMENT

CURRENT PROPOSED

RPA Number: 25-150-064	Classification Title: Engineering Geologist	Position Number: 880-150-3756-021
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/Rancho Cordova		Section/Unit: Title 27/Non-15 Unit
Supervisor's Name: Howard Hold		Supervisor's Classification: Senior Engineering Geologist (Supervisory)

Human Resources Use Only:	
HR Analyst Approval: <i>Prof. Jack Lin</i>	Date: 03/24/2026

General Statement
Under the close supervision of a Senior Engineering Geologist (Supervisory) 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 solicit and consider internal/external customer input when completing work assignments.
Position Description
The Engineering Geologist (EG) performs professional-level engineering geology duties in support of the Regional Board's Waste Discharge Requirements (WDR) and Title 27 Land Disposal Programs. Responsibilities include reviewing technical reports and permit applications; evaluating compliance with WDRs, Title 27 regulations, and applicable Basin Plan requirements; conducting inspections and investigations; reviewing and evaluating monitoring and technical data, preparing technical memoranda, staff reports, and enforcement recommendations. The EG participates in compliance assurance, enforcement actions, and regulated-facility outreach by providing technical guidance and regulatory education to dischargers, stakeholders and other regulatory agencies. The EG works independently to plan and complete assigned tasks and collaborates with multidisciplinary teams on complex projects. Effective communication is required through written reports, correspondence, presentations, and verbal interactions with internal staff, regulated entities, and the public.



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Essential Functions (Including percentage of time):	
30%	Conduct compliance and enforcement activities for discharges of waste to land, surface waters and/or groundwater. Perform geologic review and interpret the results in terms of their geologic significance. Inspect facilities discharging waste to land (industrial impoundments), to determine if waste disposal practices comply with waste discharge requirements and/or Basin Plan requirements. Investigate complaints of alleged and/or actual pollution or other conditions contributing to water quality degradation, using sound professional judgment and geological field expertise to make appropriate recommendations for abatement and/or prevention.
30%	Gather, review, and analyze engineering and geologic data to support Regional Board presentations, permitting actions, and compliance and enforcement activities. Conduct inspections and investigations of regulated facilities and collect soil and water samples that may contain toxic or hazardous waste in accordance with established procedures. Review technical reports and workplans for accuracy. Evaluate potential impacts to surface water and groundwater, including review of engineering design, operation, and monitoring of waste treatment and disposal facilities; industrial pretreatment programs; water balance analyses; groundwater monitoring programs; and facility closure and post-closure plans. Provide technical assistance to waste dischargers regarding interpretation and implementation of WDRs, Title 27 regulations, and the Basin Plan. Develop enforcement documentation, as needed, and prepare staff reports, regulatory permits, and formal enforcement actions. Present technical findings to the public and provide testimony before the Regional Board. Provide ongoing regulatory oversight of permit holders to verify corrective actions and ensure their facility maintain compliance.
20%	Provide technical assistance to dischargers in implementing monitoring and reporting programs. Review and evaluate self-monitoring reports for compliance with WDRs, including compiling and analyzing data, interpreting results, and preparing written compliance correspondence. Establish and maintain electronic records of violations for regulated facilities; determine violations merit a proposed penalty. Utilize applicable data management, software packages and tracking systems to enter, maintain, and analyze compliance information, in tracking and evaluating compliance for a site.
15%	Represent the Regional Board in meetings and communications with dischargers, consultants, governmental agencies, environmental organizations, and members of the public. Prepare and maintain tracking, status, and progress reports related to enforcement and compliance program activities.
Marginal Functions (Including percentage of time):	
5%	Perform other duties as required.



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Typical Physical Conditions/Demands:

The job requires extensive use of a personal computer and the ability to sit/stand at 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. Navigate uneven, rugged terrain for extended periods of time, in extreme temperatures, both cold and hot, possibly in the rain and snow, throughout the workday and at night if needed, carry more than 50 lbs, standing/sitting for long periods of time, etc.

Typical Working Conditions:

The incumbent works in a single-story office building located at 11020 Sun Center Drive, Suite 200 in Rancho Cordova, in an enclosed, non-windowed office cubicle in a smoke-free environment. The work schedule is a hybrid telework schedule Monday through Friday. In-office workdays are required by all rank-and-file staff and frequency shall be proposed to and approved by the unit supervisor. Travel is required locally within the Central Valley Regional Board's area of responsibility. On occasion, additional travel may need to happen within the state.

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