



Classification: Water Resource Control Engineer
Position Number: 880-150-3846-157

DUTY STATEMENT

☐ CURRENT

☒ PROPOSED

RPA Number: 24-150-119	Classification Title: Water Resource Control Engineer	Position Number: 880-150-3846-157
Incumbent Name: Vacant	Working Title: Abandoned Mines Cleanup Engineer	Effective Date: TBD
Tenure: Permanent	Time Base: Full Time	CBID: R09
Division/Office: Central Valley Regional Water Quality Control Board/Rancho Cordova		Section/Unit: Above Ground Tank/Mining
Supervisor's Name: Jeremy Hughes		Supervisor's Classification: Senior Engineering Geologist (Supervisory)

Human Resources Use Only:

HR Analyst Approval: *Debra Fisher-Lun*

Date: 05/05/2025

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 work plan commitments, and to solicit and consider internal/external customer input when completing work assignments.

Position Description

The Water Resource Control Engineer (WRCE) will be responsible for providing technical oversight of regulated facilities including active and abandoned mine and waste disposal sites throughout the Central Valley Region. The WRCE will apply Water Board regulations, policies, plans and guidelines, and communicates the application of these regulations to agencies, Responsible Party representatives, and the public. The WRCE is expected to work cooperatively with, and is responsive to, Federal, State and local government agencies and municipalities, as well as public entities, in coordinating oversight of investigation and cleanup activities. The WRCE will work closely with multiple Water Board's programs, including Title 27, Waste Discharge Requirements (WDR), and National Pollutant Discharge Elimination System (NPDES) Units, to identify cross-programmatic needs and applicable policies and regulations.

Essential Functions (Including percentage of time):

40%	Apply engineering knowledge, principles, and technical expertise to review technical reports relating to the investigation, characterization, and remediation from discharges of contaminants at or from contaminated properties and abandoned mine sites throughout the Central Valley Region. Review and evaluate proposed remedial strategies and remedial system performance to assess the efficacy of such efforts. Review environmental data to assess cases for compliance with the appropriate regulatory thresholds and Water Board policies. Evaluate analytical laboratory methods and results to assess environmental data quality and appropriateness. In response to submitted reports, draft technical correspondence that identifies deficiencies or needed improvements. Upload and maintain electronic files and information in GeoTracker database for assigned cases and projects. Communicate effectively, professionally, and timely with diverse stakeholders, including Federal, State, and local government agencies and the public. Work with other Water Board programs to draft and review required permits. When compliance is not achieved or acceptable, prepare notices of violations and enforcement orders. Consistent with Water Board regulations and policies, direct site investigations and cleanup actions.
30%	Conduct site inspections at active and inactive mine sites and waste management and treatment units, including sites where mining wastes have been or are discharged or stored, to evaluate whether waste disposal or treatment procedures comply with Waste Discharge Requirements (WDRs). Perform and oversee field activities, as necessary, including the collection of waste materials, soil, and surface- and groundwater samples, potentially contaminated with toxic or hazardous chemicals. Oversee well construction, sampling, and remediation system installation and excavation activities performed by others. Prepare and file clear, concise, and factual inspection and field reports resulting from site inspections and other field activities. Support the Board's contracting effort for engineering and construction services as needed.

Marginal Functions (Including percentage of time):

10%	Prepare new and revise existing WDRs for the discharge of waste to land. Evaluate the following for compliance with sound engineering practices, established policies, and regulatory criteria: existing and potential impacts to water quality; waste management unit construction plans; financial assurance documents; and cost estimates. Assist dischargers with the interpretation of WDRs.
10%	Participate in meetings with dischargers, consultants, agencies, the public, and other entities as a representative of the Board. Record and respond appropriately to verbal and written complaints regarding potential nuisance or pollution. Conduct presentations to the Regional Board during public hearings.



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5%	Attend training and update certifications as needed or required (e.g., Drivers Training, HAZWOPER, Sexual Harassment Prevention, etc.).
5%	Perform other duties as required.

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.

During inspections, navigate uneven, rugged terrain for extended periods of time; in extreme temperatures throughout the workday, carry more than 50 pounds, if necessary; standing/sitting for long periods of time, etc.

Typical Working Conditions:

The incumbent is expected to work at the Central Valley Regional Water Quality Control Board office in Rancho Cordova, in an enclosed, smoke-free workspace. The work schedule is Monday through Friday. Travel and field events may be required locally and 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