



Classification: Engineering Geologist
Position Number: 800-155-3756-901

DUTY STATEMENT

☐ CURRENT

☒ PROPOSED

RPA Number: 26-155-002	Classification Title: Engineering Geologist	Position Number: 800-155-3756-901
Incumbent Name: Vacant	Working Title: Engineering Geologist	Effective Date: TBD
Tenure: Limited-Term	Time Base: Full-Time	CBID: R09
Division/Office: Central Valley Regional Water Quality Control Board, Fresno		Section/Unit: Oil Field Unit I
Supervisor's Name: Rebecca Asami		Supervisor's Classification: Senior Engineering Geologist (Supervisory)

Human Resources Use Only:

HR Analyst Approval:

Date:

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

Position Description

The incumbent performs professional geological engineering work and interprets the results in terms of their geological engineering significance. The incumbent applies sound professional judgement in the regulatory oversight of the injection of oil field wastewater for disposal or enhanced oil recovery operations, other discharges of oil field wastes to land, and the conversion of oil and gas wells to Gravity Based Energy Storage wells. The incumbent must have the ability to perform field investigations and conduct site inspections.

Essential Functions (Including percentage of time):

40%	Review aquifer exemption submittals, applications, and technical documents regarding Underground Injection Control (UIC) projects, produced water ponds, conversion of oil and gas wells to Gravity Based Energy Storage wells, and other discharges in areas of oil and gas activities. Evaluate and interpret technical information including water quality data, geologic cross-sections, geophysical logs, monitoring data, land use data, and other information to assess hydrogeology and geology at oil and gas production areas, identify groundwater quality trends and susceptibility, and determine if existing or future potential beneficial uses of water could be affected. Prepare and review geological and geological engineering evaluations, technical, and monitoring reports (including groundwater reports and monitoring plans). Apply sound professional geologic judgment and expertise to develop recommendations for management, draft tentative Board orders and supporting documents, draft appropriate enforcement documents, and conduct other water quality control related tasks.
30%	Evaluate information received from the Department of Conservation's Geologic Energy Management Division for Class II injection wells and produced water ponds; assess the location of nearby water supply wells, identify injection wells potentially impacting water supply wells, and ensure operators comply with the requirements set forth in applicable regulations and orders.
15%	Inspect facilities, including those where waste is discharged or stored, to facilitate development of regulatory orders and enforcement actions and to determine compliance with existing orders, plans, policies, regulations, and laws. Use sound professional geologic judgment and expertise to make appropriate observations and documentation. Perform corresponding field tasks including collecting samples of water, soil, and wastes contaminated with non-hazardous and hazardous materials for analysis, and evaluate field performance of discharger's facilities. Prepare inspection reports and other follow-up tasks as required.

Marginal Functions (Including percentage of time):

5%	Prepare and/or supervise preparation of maps, graphs, and other visual aids and prepare correspondence; analyze and interpret data to evaluate compliance with prescribed requirements. Prepare tentative orders for Water Board consideration. Gather geological engineering information and substantiate data for Water Board presentations and enforcement actions. Make Water Board presentations as required.
5%	Conduct meetings with dischargers, their consultants, and local, State, and federal agencies, the public, and others to advise and consult on water quality issues. Provide clarification and interpretation of Water Board policies and water quality control plans. Participate in public information events upon request.
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. There will be periodic field events which require the navigation of uneven, rugged terrain for extended periods of time, in extreme temperatures throughout the workday, carrying more than 30 lbs, and standing/sitting for long periods of time.

Typical Working Conditions:

The incumbent works in a single-story office building in Fresno and may also work in an alternate remote work location designated in an approved Telework Agreement. Smoking is not allowed in the office building. The incumbent's office workspace is an enclosed, non-windowed office cubicle that may be shared with other staff. An approved alternate remote work location shall be distraction-free and ergonomically suitable. The incumbent communicates daily with other staff, stakeholders, and the public and occasionally with contentious persons. The work schedule is Monday through Friday, unless otherwise approved by management. Overtime is not allowed, unless approved by management. Travel may be required within the state and rarely includes overnight stays.

For personal safety, office safety, and professionalism, stays up to date with work related and required training, including but not limited to defensive driving, harassment prevention, OSHA Hazardous Waste and Emergency Response (HAZWOPER) certifications, and licenses.

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