



Classification: Engineering Geologist  
Position Number: 880-130-3756-033

## DUTY STATEMENT

☐ CURRENT ☒ PROPOSED

<b>RPA Number:</b> 25-130-033	<b>Classification Title:</b> Engineering Geologist	<b>Position Number:</b> 880-130-3756-033
<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> Central Coast Water Board (Region 3)		<b>Section/Unit:</b> Oilfields & Landfills Unit / Active Oilfields Program
<b>Supervisor's Name:</b> Joey Sisk		<b>Supervisor's Classification:</b> Senior Water Resource Control Engineer (Supervisor)

### Human Resources Use Only:

HR Analyst Approval:

*Nina Lopez*

Date: 12/15/2025

### General Statement

Under the close supervision of a Senior Water Resource Control Engineer (Supervisor) 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 Engineering Geologist implements the Active Oilfields Program to regulate oilfield activities that have the potential to impact surface or groundwater, in close coordination with the State Water Resources Control Board (State Water Board), California Geologic Energy Management Division (CalGEM) and United States Environmental Protection Agency (US EPA). The Engineering Geologist is required to work independently, communicate effectively, manage multiple tasks and become proficient in technical duties. Daily proficient utilization of office equipment and the Microsoft Office Suite is required.

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

30%	Evaluate water quality impacts associated with Active Oilfield activities: use geologic and hydrogeologic engineering knowledge and technical expertise to evaluate and interpret water quality data, well location surveys, geologic cross-sections, geophysical logs, monitoring data, land use data, and other information to assess hydrogeology and geology within and around oil and gas production areas. Review and evaluate records pertaining to the drilling, completion, workover, testing and plugging of oil wells to identify potential risks to groundwater. Evaluate activities associated with lease restoration and decommissioning of orphaned oilfield assets to address impacts to water quality. Identify groundwater quality trends to determine if existing or future potential sources of drinking water, and other beneficial uses of water are or will be affected by oilfield production related activities. Review hydrogeologic reports, geotechnical reports, engineering reports, joint technical documents, and water quality data and monitoring programs to determine compliance with policies, requirements, prohibitions, standards, and time schedules set by the Water Board. Review and prepare appropriate verbal and/or written comments and correspondence in response to technical reports.
30%	Review Aquifer Exemption (AE) and Underground Injection Control (UIC) projects: review and comment on AE and UIC project documents to evaluate the protection of sources of drinking water, including AE applications, Area of Review (AOR) submittals, conduit analysis data, and Project Approval Letters. Review injection well casing failures for potential impacts to groundwater and recommend follow-up actions, as needed, to protect water quality. Coordinate with CalGEM, State Water Board, US EPA, local agencies, and oil field operators to evaluate AE applications and implement the Class II UIC program, pursuant to the federal Safe Drinking Water Act and applicable state statutes and regulations.
10%	Evaluate Oilfield produced water storage and disposal: evaluate and provide regulatory oversight of oilfield produced water storage and disposal in surface impoundments/ponds and other waste discharges in areas of oil and gas production activities. Implement requirements to protect surface water and groundwater resources from wastepile and produced water pond facilities.
10%	Participate in meetings with operators, agencies, and the public: conduct and participate in meetings with oilfield operators, technical consultants, and local, state, and federal agencies, the public, and others as needed to inform, advise and consult on water quality issues related to oil and gas production activities. Provide clarification and interpretation of Water Board policies and water quality control plans and respond to public records act requests. Participate in public information events upon request. Make public presentations to the Water Board and other entities as required.

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

5%	Conduct inspections at active Oilfields, wastepile and produced water pond facilities: inspect facilities, including those where waste is discharged or stored, to evaluate compliance with existing orders, plans, policies, and regulations. Use technical knowledge and expertise to make appropriate observations, recommendations, and proper documentation. Perform corresponding field tasks including collecting or overseeing collection of samples of water, soil, and wastes contaminated with non-hazardous and hazardous materials for analysis; and evaluating field performance of oil and gas production activities to protect water quality. Prepare inspection reports and other follow-up tasks as required, such as the development and implementation of regulatory orders and enforcement actions as required to facilitate compliance. Participate in Hazardous Waste Operations and Emergency Response (HAZWOPER) training and maintain HAZWOPER certification.
5%	Manage data and prepare technical maps, graphs, and visual aids: manage Active Oilfield Program data in programmatic and statewide databases (e.g. GeoTracker) to ensure that facility information, case management and regulatory information, and groundwater monitoring data is available to the public. Prepare maps, graphs, and other visual aids for technical reports and presentations.
5%	Provide technical support to Groundwater Programs and cross-program coordination: provide cross-program technical support on groundwater-related assignments and projects, including but not limited to the Site Cleanup Program (SCP), Underground Storage Tank (UST) Program, and Land Disposal Program. Develop knowledge of water quality issues of regional significance and participate in regional surface water and groundwater monitoring and assessment activities (Central Coast Ambient Monitoring and Assessment Program, CCAMP). Coordinate with statewide groundwater initiatives including but not limited to the Sustainable Groundwater Management Act (SGMA), Groundwater Ambient Monitoring and Assessment (GAMA) Program, and the Safe and Affordable Funding for Equity and Resilience (SAFER) Program.
5%	Perform other duties as required.

**Typical Physical Conditions/Demands:**

The job requires extensive use of a 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 25 pounds, bend and reach above shoulders to retrieve files and/or documents. The job also involves occasional fieldwork, including the need to navigate uneven, rugged terrain for extended periods of time, in extreme temperatures.

**Typical Working Conditions:**

The incumbent works in an enclosed, non-windowed cubicle in an office building in San Luis Obispo, CA. The incumbent works in a smoke-free environment. The operational needs of the position require an in-office or hybrid work location. The work schedule is Monday through Friday. Occasional travel and overnight stays may be required.



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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 Name	Employee Signature	Date