



Classification: Engineering Geologist
Position Number: 880-140-3756-040

DUTY STATEMENT

☐ CURRENT ☒ PROPOSED

RPA Number: 25-140-074	Classification Title: Engineering Geologist	Position Number: 880-140-3756-040
Incumbent Name: Vacant	Working Title: Engineering Geologist	Effective Date: TBD
Tenure: Permanent	Time Base: Full-Time	CBID: R09
Division/Office: Los Angeles Regional Water Quality Control Board-Region 4		Section/Unit: Underground Tanks Section /Underground Storage Tank-Coastal Unit
Supervisor's Name: Weixing Tong		Supervisor's Classification: Senior Engineering Geologist (Supervisory)

Human Resources Use Only:	
HR Analyst Approval: <i>Tiffany Pace</i>	Date: December 30, 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 commitments and to solicit and consider internal/external customer input when completing work assignments.
Position Description
The Engineering Geologist (EG) performs complex professional engineering geologic work and hydrogeologic analysis related to groundwater quality. The EG will participate in the collection of hydrogeologic data, as well as data management and analysis. The EG is also responsible for technical and procedural guidance.
Essential Functions (Including percentage of time):

45%	Interpret and evaluate detailed geologic cross-sections, geophysical logs, and related technical data for Underground Storage Tank (UST), site remediation, and oil and gas cases to assess site-specific and regional hydrogeologic and geologic conditions at oil and gas production areas. Review and analyze groundwater monitoring plans to evaluate groundwater quality impacts associated with oil and gas exploration, production, and remediation activities. Review, interpret, and synthesize groundwater quality, geologic, land use, and other relevant datasets to identify trends, vulnerabilities, and susceptibility in statewide groundwater resources. Evaluate groundwater studies and technical reports for scientific soundness, methodological rigor, and compliance with applicable regulatory and technical standards. Review groundwater monitoring exemption requests submitted by oil and gas operators and develop technical recommendations for management based on hydrogeologic conditions, data quality, and regulatory criteria. Prepare clear, well-supported written and oral presentations summarizing findings, conclusions, and recommendations for executive management, Board Members, and public stakeholders.
25%	Perform complex spatial data analyses, data management, and cartographic layout preparation using geographic information systems (GIS) to support regulatory, investigative, and reporting functions. Integrate the results of GIS-based and related data analyses into technical reports, correspondence, and responses to interested parties, including regulated entities, other agencies, and the public. Access, analyze, and synthesize data from GeoTracker and the Groundwater Ambient Monitoring and Assessment (GAMA) database to support groundwater quality evaluations and to develop reports that meet applicable regulatory, statutory, and program reporting requirements.
15%	Perform fieldwork assignments that include sampling of domestic and monitoring wells in support of Water Board programs, including the Groundwater Ambient Monitoring and Assessment (GAMA) Program. Conduct inspections of water well sampling activities and oil and gas production operations to verify compliance with applicable regulatory requirements and approved monitoring plans. Conduct field audits of property owner-requested water sampling associated with oil and gas production activities for Underground Storage Tank (UST), site remediation, and oil and gas cases. Document field observations, sampling procedures, and findings, and incorporate results into technical evaluations, reports, and regulatory determinations.
Marginal Functions (Including percentage of time):	
10%	Participate in public outreach activities related to water quality programs and initiatives. Respond to requests for information from members of the public, Regional Water Quality Control Boards, State Water Resources Control Board management, regulated entities, and the Legislature in a timely and professional manner. Prepare routine written correspondence, documentation, and informational materials, and perform related duties as assigned in support of program objectives and regulatory responsibilities.
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 throughout the workday, carry more than 50 lbs., standing/sitting for long periods of time, etc.

Typical Working Conditions:

The incumbent works on the 2nd floor of a 10-story office building in downtown Los Angeles, in a non-windowed office cubicle in a smoke-free environment. The work schedule is Monday through Friday. The work schedule for the incumbent is a hybrid schedule with a minimum of two in-office days a month. The presence in the office is subject to operational needs and may change per management direction. Travel 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