



Classification: Engineering Geologist
 Position Number: 880-140-3756-028

DUTY STATEMENT

CURRENT PROPOSED

RPA Number: 24-140-052	Classification Title: Engineering Geologist	Position Number: 880-140-3756-028
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 (LARWQCB)		Section/Unit: Stormwater Compliance and Enforcement Unit
Supervisor's Name: Nerissa Schrader		Supervisor's Classification: Senior Water Resource Control Engineer

Human Resources Use Only:	
HR Analyst Approval: Danielle Klemencic	Date: 11/20/2024

General Statement
Under the close supervision of a Senior Water Resource Control Engineer and consistent with good customer service practices and the goals of the State and Regional Water 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 incumbent is responsible to review and perform engineering geology analyses of technical and environmental data, conduct investigations, perform inspections, and prepare technical reports and informal and formal enforcement actions to ensure compliance with the California Water Code, Clean Water Act, National Pollutant Discharge Elimination System (NPDES) permits, and other Los Angeles Water Board Orders. The incumbent is also expected to follow through on assignments and commitments, and to solicit and consider internal/external customer input when completing work assignments. The incumbent must possess essential personal qualifications including integrity, initiative, dependability, good judgment, the ability to work cooperatively with others, and the ability to perform the assigned duties of the class.



Essential Functions (Including percentage of time):

45%	<p>Organize and conduct office and field assignments involving general stormwater program compliance and enforcement evaluations; respond and investigate public complaints/requests/inquiries; and review, inspect, and monitor permitted facilities/sites to ensure compliance with Statewide and Regional Orders, legislation, and enforcement actions. Review and evaluate Storm Water Pollution Prevention Plans (SWPPPs), Monitoring Implementation Plan (MIP), best management practices (BMPs), annual reports, benchmark exceedance reports and related submittals, including total maximum daily loads (TMDLs), site maps, and other permit-required submittal information, and technical data (analytical, hydrologic, hydrogeologic, lithologic, other) for permit compliance. Apply geology to engineering problems by applying working knowledge of stratigraphic, structural, and economic geology related to civil engineering projects; geological processes and survey techniques, equipment, and procedures; fundamental principles of mineralogy, petrography, soil mechanics, hydrogeology, photo geology, and geologic mapping and drafting. Develop and interpret geologic maps and conduct slope stability evaluation and calculations. Conduct inspections of permit-enrolled/non-enrolled sites/facilities; provide technical assistance to enrollees/non-enrollees in the evaluation of site/facility-specific industrial classification; and manage inspections and workload using various computer applications, including Stormwater Multiple Application and Report Tracking System (SMARTS), California Integrated Water Quality System (CIWQS), Occupational Safety and Health Administration Standard Industrial Classification Manual, and other applicable tools. Prepare reports, technical documents, and enforcement orders. Review and process notice of termination (NOT), change of information (COI), records review, and other enrollee requests based on sound technical analyses. Update SMARTS or CIWQS records timely.</p>
25%	<p>Conduct geologic and engineering analysis of storm sewer and drainage systems, sampling plans, structural and treatment control BMP technologies (i.e., detention basins, infiltration trenches, filtration systems, clarifiers, wetlands and bio-filters, active/passive treatment systems, erosion and sediment control measures, other), and water resource information including but not limited to hydrology, pollution sources, monitoring data, and water balance calculations. Use geologic and engineering knowledge and technically-sound judgment to evaluate advanced BMPs and their effectiveness, pollution threats and risks levels, and other corrective measures. Assist in the review of complex geologic and engineering documents, plans, and technical reports.</p>



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20%	<p>Prepare informal and formal enforcement actions for sites/facilities that failed to obtain coverage; submit permit-required reports timely; comply with permit-required receiving water limitations, TMDLs, and impaired water body pollutant monitoring; and comply with other permit and Water Code requirements. Analyze enrollee monitoring data for compliance with permit criteria, sampling/analytical procedures, and quality assurance/control standards. Meet and discuss the enforcement process with discharger; respond to legal, management, and public comments; and monitor enforcement progress. Perform follow-up investigations; conduct environmental analysis, research, surveys, interpretation, and summarization of data/information to assist in enforcement case development; and conduct outreach. As part of the Region's Prosecution Team, assist in developing and negotiating penalties and Supplemental Environmental Projects (SEP) with dischargers.</p>
Marginal Functions (Including percentage of time):	
5%	<p>Schedule and attend meetings with dischargers and other governmental agencies. Conduct public outreach and education. Prepare and deliver effective presentations to the Board and to the public, as required. Participate in regulatory development process.</p>
5%	<p>Perform other duties as required.</p>
Typical Physical Conditions/Demands:	
<p>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. Possession of a current and valid driver's license and ability to operate a vehicle to travel and conduct site inspections.</p>	
Typical Working Conditions:	
<p>The incumbent works on the 1st floor of an office building in Downtown Los Angeles, in an enclosed, non-windowed office cubicle in a smoke-free environment. The work schedule is Monday through Friday. Travel may be required locally and within the state. The incumbent may be eligible for teleworking with in-person attendance based on the operational needs of the position and an approved teleworking agreement.</p>	



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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 with a copy of this duty statement.		
Supervisor Name	Supervisor Signature	Date
Employee Name	Employee Signature	Date