Classification: Engineering Geologist
Position Number: 880-170-3756-005

DUTY STATEMENT

☐ **CURRENT** ☒ **PROPOSED**

RPA Number: 26-170-020	**Classification Title:** Engineering Geologist	**Position Number:** 880-170-3756-005
Incumbent Name: VACANT	**Working Title:** Engineering Geologist	**Effective Date:** TBD
Tenure: Permanent	**Time Base:** Full-Time	**CBID:** R09
Division/Office: CRWQCB/ Colorado River Basin Region 7	**Section/Unit:** Site Cleanup Unit /Underground Storage Tank/ Department of Defense	
Supervisor's Name: Angela Garcia	**Supervisor's Classification:** Senior Engineering Geologist	

Human Resources Use Only:
HR Analyst Approval: Rebecca Ramirez **Date:**

General Statement
Under close supervision of a Senior Engineering Geologist 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) is responsible for timely and professional regulatory oversight of investigation and cleanup of wastes that caused or may cause a risk to human health, the environment, and/or waters of the state in the Site Cleanup Program (SCP), Underground Storage Tank (UST) and Department of Defense (DOD) Programs.

Essential Functions (Including percentage of time):	
45%	Apply geologic expertise to the regulatory oversight of ground and surface water pollutant investigation and mitigation for the SCP, UST and DOD unit locations within the California Regional Water Quality Control Board (CRWQCB) – Colorado River Basin Region (Region 7). Sites will include unauthorized releases from: storage vessels (above and underground storage tanks, and drummed storage); transmission/transportation systems (pipelines, rail transport, truck transport, and vehicle/vessel transport); direct application (aerial and mechanical propagation to soil and water); and other methods of introduction to be identified. Utilize standard geologic practices, good judgement, reviews and evaluates investigations such as site investigations, feasibility studies, remedial action plans, monitoring reports and others. Provide technical oversight to define the nature and extent of a contaminant release and/or develop, assess and implement remedial alternatives to clean up contaminated sites.
40%	Evaluate ground and surface water sampling and analysis procedures. Evaluate water quality data for compliance with levels and water quality objectives, fate and transport of pollutants of concern, pollutant loading, and surface-groundwater interactions. Evaluate compliance with State Water Resources Control Board (State Water Board) guidelines, plans, policies, and regulations: in particular the Colorado River Basin Water Quality Control Plan, State Low-Threat Underground Storage Tank Closure Policy, and the State Water Board's Cleanup and Abatement Policy (Resolution 92-49) and Antidegradation Policy (Resolution 68-16). Use sound geologic knowledge and technical judgment to review regulatory/historical records related to chemical storage/use and environmental site investigations to make recommendations on the acceptability of technical reports and other actions which address releases of pollutants to soil and groundwater. Perform geologic work in all aspects of waste regulation including soil, soil vapor and groundwater investigation of contamination. Knowledge of characterization methods for USTs, Above Storage Tanks (ASTs), Pipelines, Unauthorized Spills, Vehicles and Vessel Transport Systems. Evaluate and provide written comments on conceptual site model (CSM) of sites with an unauthorized contaminant release based on information provided in CSM Reports. Use the CSM to delineate unauthorized contaminant releases to soil and groundwater, appropriateness of groundwater monitoring networks, reasonableness of remedial design, and operational effectiveness of soil and groundwater remediation systems. Conduct field work oversight for all projects during groundwater sampling or implementation of approved workplans and/or installation of remedial design activities.

Marginal Functions (Including percentage of time):	
10%	Enter daily log to match SCP program work in both Daily Activity Reporting Tracking System (DARTS) and State Water Board timesheet (Biz Flow) to ensure accurate cost recovery for oversight. Demonstrate and apply experience with Federal, State, and local laws, regulations, and policies. Participate in technical work groups with other environmental agencies for site clean-up of environmental impacts. Develop public participation documents (Field Work Notices, Fact Sheets and Public Participation Plan) for each project requiring outreach. Review documents provided by the Office of Public Participation and/or project consultants. Ensure clean-up progress and supporting activities comply with professional practices and industry standards of care. Prepare documents for site closure, informal and formal enforcement actions (if needed) pursuant to the California Water Code – and other relevant regulations, guidelines, and policies. Enter data/information into GeoTracker database and assure the entries provided by or on behalf of the responsible party(s) are current. Oversee funding and ensure it is tracked accurately for assigned projects. Provide "Annual Estimation for Cost Recovery" notification to the responsible party(s).
5%	Perform other duties as required.

Typical Physical Conditions/Demands:

This position requires extensive use of a personal computer and the ability to remain stationary at a desk, utilize a phone and keyboard for extended periods of time. Ability to lift 15 pounds to retrieve files and/or documents. The position requires extensive driving, and navigating uneven, rugged terrain for extended periods of time in extreme temperatures throughout the workday, standing/sitting for long periods of time.

Typical Working Conditions:

The incumbent works on the ground floor of a one-story office building in downtown Palm Desert, windowed office cubicle in a smoke-free environment. The work schedule is Monday through Friday. Non-mandatory overtime, including evening and weekend work may be necessary but unusual. Travel on a quarterly basis is likely and 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