

DUTY STATEMENT

ORGANIZATION (DIVISION/REGION/BOARD) California Regional Water Quality Control Board	UNIT 190-San Diego Region	POSITION # 880-190-3846-XXX	DATE OCTOBER 2022
NAME OF EMPLOYEE (IF APPLICABLE) VACANT			
CURRENT CLASSIFICATION Water Resource Control Engineer		PROPOSED CLASSIFICATION (IF APPLICABLE)	
NAME OF SUPERVISOR Laurie Walsh			
CURRENT CLASSIFICATION OF SUPERVISOR Senior Water Resource Control Engineer		REVIEWED AND APPROVED BY SIGNATURE	
SUPERVISION EXERCISED (IF APPLICABLE)			
1. DIRECTLY SUPERVISED		2. INDIRECTLY SUPERVISED	
NO. OF EMPLOYEES	CLASS TITLE	NO. OF EMPLOYEES	CLASS TITLE
N/A		N/A	
DESCRIPTION OF DUTIES: SUMMARIZE THE REGULARLY ASSIGNED DUTIES OF THE POSITION, EXPLAIN MOST IMPORTANT DUTIES FIRST. LIST THE PORTION OF TIME BY PERCENTAGE IN LEFTHAND COLUMN, EXTRA SHEETS MAY BE ATTACHED.			
% OF TIME	DUTIES		
35%	<p>Under the close supervision of a senior water resource control engineer, and consistent with good customer service practices and the goals of the State Water Resources Control Board (State Water Board) and the San Diego Regional Water Quality Control Board' (San Diego Water Board) strategic plans , 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. Specific responsibilities include:</p> <p>Perform professional water quality control engineering work pertaining to the regulation of wastewater and stormwater discharges under the National Pollutant Discharge Elimination System (NPDES) stormwater management program and the investigation and control of water pollution from point and nonpoint sources. Apply engineering methods and principles in the development and interpretation of permit and regulatory requirements; evaluating capabilities of technologies, structural and non-structural best management practices, low impact development techniques and post-construction treatment control best management practices to control wastewater, stormwater, and nonpoint source discharges, and the effects of these discharges and urbanization on the water quality, habitat and ecology of receiving watershed environments. This includes, but is not limited to, evaluation of the fate and transport of pollutants as well as stream morphology, hydrology, channel form, and sediment supply and their interaction in supporting water supply and habitat beneficial uses. Core duties include, but are not limited to, working collaboratively with other staff to: prepare or review waste discharge requirements, NPDES permits and other documents; review and evaluate reports of waste discharge, NPDES permit applications, stormwater management plans, water quality certification applications, technical reports, and environmental documents; enroll dischargers in regional and statewide permits and waivers; prepare monitoring programs and evaluate monitoring reports; assure consistency with relevant water quality plans and policies and compliance with applicable laws and regulations; update database systems as appropriate, index documents for electronic storage and retrieval; and prepare tentative orders and</p>		

	<p>resolutions with supporting documentation for review or adoption by the San Diego Water Board.</p>
25%	<p>Provide professional engineering review and evaluation of technical reports and projects related to water quality planning and assessment. Apply engineering methods and principles in analyzing and evaluating water quality data and the potential effects of pollutants and water diversions on water quality and beneficial uses. Design and perform monitoring and investigative studies to evaluate water quality and adequacy of existing policies or programs. Working collaboratively with other staff, perform activities on water quality assessment, triennial review Basin Plan project list preparation and implementation, State Water Board draft policies and plans, and Total Maximum Daily Load (TMDL) and other Basin Plan amendments, supporting technical reports, and environmental documents, for San Diego Water Board review or adoption. Review, interpret, and implement applicable water quality planning laws, regulations, and programs.</p>
10%	<p>Provide professional engineering review and evaluation of technical reports in engineering matters related to enforcement. Apply engineering methods and principles in responding to illegal waste discharges to the lands and waters of the state, toxic and hazardous materials pollution, and point and nonpoint source pollution. Interpret water quality data and other information to determine whether violations have occurred, then recommend and follow through on appropriate courses of action. Assess compliance through various means including review and interpretation of waste discharge requirements, water recycling requirements, NPDES permits, water quality certifications, monitoring reports, technical reports, compliance inspections and audits, citizen complaints, notifications from other governmental agencies, and discharger file review. Implement enforcement through an escalating series of actions to (1) assist cooperative dischargers in achieving compliance; (2) compel compliance for repeat violations and recalcitrant violators; and (3) provide a disincentive for noncompliance. Working collaboratively with other staff, the State Water Board's Office of Enforcement, and the California State Attorney General's office, prepare violation notices and enforcement orders, and supporting documentation for San Diego Water Board review or adoption. Provide regulatory oversight of cleanup projects, NPDES permitted facilities, and other projects to obtain compliance with San Diego Water Board orders and state and federal water quality laws, policies, and regulations.</p>
10%	<p>Apply engineering methods and principles in performing a variety of duties related to site inspections, field investigations, and collection of water and waste samples from specific locations and sources. Conduct field investigations and studies at sites where wastes, including toxic and hazardous waste and materials, are discharged and stored, and prepare written reports associated with these investigations and studies. Site investigations may include, but not be limited to, wastewater treatment plants, land disposal operations, cleanup sites, hazardous waste disposal sites, pesticide storage and application sites, power plants and other industrial sites, construction sites, and municipal facilities. Field tasks include collection of samples of runoff, water, soil, influent, effluent, sludge and other waste contaminated with pollutants, including toxic or hazardous materials; observing construction of waste management and monitoring facilities; and performance evaluations of facilities, structural and non-structural best management practices, erosion and sedimentation controls at construction sites, and stormwater pollution prevention plans.</p>

10%	Participate and communicate effectively in teleconference, audiovisual, and face-to face meetings with technical consultants, dischargers, attorneys, governmental agencies, news media, and the general public in the San Diego Water Board office and other locations. Meetings may involve overnight travel. Appear or testify as a professional engineer to clarify and interpret San Diego Water Board policy and objectives. Prepare for and make logical, comprehensible, and convincing written and oral presentations at public hearings and other meetings of the San Diego Water Board, State Water Board, and other federal, state, and local agencies. Answer a variety of inquiries in informal face-to face meetings in the San Diego Water Board office during drop-in visits by the public and regulated community.
5%	Act as Contract Manager or Contract Contact for designated San Diego Water Board contracts. Perform contract work activities related to projects funded through various funding sources including Request for Proposal (RFP) preparation, evaluation of proposals, preparation of contracts, and project control schedules. Provide consultation to contractors developing work products, review progress of contractors in accordance with control schedules, and review and evaluate contractor work products.
5%	Other Duties as Required.
Employee Signature: _____ Date Signed: _____	