



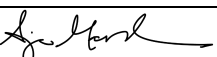
Classification: Senior Water Resource Control
Engineer
Position Number: 880-190-3844-017

DUTY STATEMENT

☐ CURRENT ☒ PROPOSED

RPA Number: 26-190-011	Classification Title: Senior Water Resource Control Engineer	Position Number: 880-190-3844-017
Incumbent Name: Vacant	Working Title: Senior Water Resource Control Engineer (Supervisory)	Effective Date: TBD
Tenure: Permanent	Time Base: Full Time	CBID: S09
Division/Office: San Diego Regional Water Quality Control Board		Section/Unit: Surface Water Protection Branch / Border Water Quality Protection Unit
Supervisor's Name: Eric Becker		Supervisor's Classification: Supervising Water Resource Control Engineer (Supervisory)

Human Resources Use Only:

HR Analyst Approval:  **Date:** 08/11/2026

General Statement

Under the general direction of Supervising Water Resource Control Engineer (Supervisory) and consistent with good customer service practices and the goals of the State and Regional Board's Strategic Plan, the Senior Water Resource Control Engineer 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

As the supervisor of the Border Water Quality Protection Unit, the Senior Water Resource Control Engineer (Supervisory) (Senior WRCE) is responsible for planning, organizing, and directing the activities of a unit of multi-disciplinary San Diego Water Board technical staff. The Border Water Quality Protection Unit is charged with administering and enforcing programs, initiatives, and agreements to address transboundary pollution from Mexico. The Border Water Quality Protection Unit also supports protection of human health, water quality, and beneficial uses associated with the Tijuana River, Tijuana River Estuary, and near shore Pacific Ocean.

Essential Functions (Including percentage of time):

35%	Responsible for the direct supervision, development, and training of staff. Plan, organize, prioritize, and direct the activities of a unit of multi-disciplinary San Diego Water Board technical staff charged with administering and enforcing programs, initiatives, and agreements to address transboundary pollution from Mexico. Support the protection of human health, water quality, and beneficial uses associated with the Tijuana River, Tijuana River Estuary, and near shore Pacific Ocean. Provide technical and procedural direction. Develop and achieve program goals and commitments. Act in responsible charge of engineering work involved in the review of engineering reports and direct outreach and engagement. Coordinate various activities within the unit and with other regulatory programs/units. Evaluate employee performance and prepare timely annual performance assessment reports for all unit staff. Provide employee recognition or initiate preventative, corrective or disciplinary action as appropriate and in accordance with State policies. Prepare and oversee implementation of individual development plans (IDPs) for unit staff requesting IDPs. Work to expand employee and organizational skills to efficiently provide consistently high-quality work products and customer service and ensure employees comply with agency workplace policies. Oversee preparation of San Diego Water Board meeting agenda items and presentations. Ensure written work projects are timely, complete, well written, technically sound and meet the Surface Water Protection Branch expectations and Writing Style Guide. Ensure staff presentations are logical, accurate, and clear. Ensure staff follow the agency's health and safety procedures and participate in health and safety training programs. Ensure staff is following San Diego Water Board general expectations and the Surface Water Protection Branch employee expectations.
25%	Coordinate with other regulatory programs/units to develop and implement border pollution control work plans; and carry out regulatory actions in a timely manner. This may include issuance of permits; waste discharge requirements; Clean Water Act Section 401 Water Quality Certifications; inspections; compliance assurance and enforcement; development of advance restoration plans (ARPs) and/or total maximum daily loads (TMDLs); and amendments to the Water Quality Control Plan for the San Diego Basin (Region 9). Ensure that project documents are indexed in the electronic content management system. Ensure that database systems are updated, for example, in the California Integrated Water Quality System (CIWQS), California Environmental Data Exchange Network (CEDEN), Storm Water Multiple Application and Report Tracking System (SMARTS), and GeoTracker. Participate in budget preparation and control activities, track expenditures, prepare program status and progress reports, and review and comment on guidance, program, and proposed legislative documents. Coordinate with Colorado River Regional Water Quality Control Board (Region 7) on border water quality issues, projects, funding opportunities, and permitting actions. Attend and contribute to program manager meetings and statewide roundtables. Participate in and lead inter-branch multi-disciplinary work groups on Practical Vision projects and other projects. Incumbent shall be accountable to the Surface Water Protection Branch, Supervising Water Resource Control Engineer for Border Water Quality Protection Unit program goals and commitments.

20%	Serve as a staff expert in engineering matters and principles pertaining to the interpretation and implementation of State and federal water quality control laws, regulations, and policies as they relate to the investigation and control of water pollution from point and nonpoint sources. Provide technical support to the San Diego Water Board Executive Officer on the project implementation process for proposed border water quality solutions. This may include the selection, design, construction, permitting, operation, and maintenance of infrastructure to collect, convey, or treat sewage and transboundary flow. When appropriate, provide support for the San Diego Water Board Executive Officer in binational forums and the implementation of binational agreements. Provide analysis of technical, policy, and funding matters associated with U.S. federal agency border pollution control. Support the San Diego Water Board Executive Officer in interagency negotiations on the design and operation of temporary pollution control measures in the Tijuana River Valley. Advise the San Diego Water Board Members and legal counsel on technical issues related to enforcement and litigation. Coordinate with U.S. federal agencies on implementation of management measures to control polluted transboundary flows, development of sediment and trash control basins, removal of tires and other solid wastes in the Tijuana River Flood Control Channel, and other projects to reduce, mitigate, or remediate impacts from transboundary pollution. Coordinate with local and State agencies on implementation of projects in Smuggler's Gulch, Goat Canyon, at the Brown Property, and in the main channel of the Tijuana River to reduce, mitigate, or remediate impacts from transboundary pollution. Provide direction to staff on technical considerations for developing permits, waste discharge requirements, Clean Water Act Section 401 Water Quality Certifications, ARPs, and TMDLs; conducting inspections; determining regulatory compliance; and carrying out enforcement actions. Provide support to staff on technical evaluations of treatment technologies and best management practices to control wastes, and science-based assessments of impacts due to transboundary wastes. Provide thorough technical review of unit work products. Provide technical oversight into the implementation of applicable programs and State and federal regulations.
15%	Participate and communicate effectively in teleconference, audiovisual, and face-to face meetings with technical consultants, dischargers, attorneys, governmental agencies, news media, and the public in the San Diego Water Board office and other locations. Meetings may involve overnight travel. Act as interagency liaison to local, State, and federal agencies on border water quality issues. Use professional engineering knowledge and judgment to clarify and interpret San Diego Water Board policy and objectives to unit staff, San Diego Water Board staff, San Diego Water Board Members, elected officials and other decision makers, governmental agency representatives, dischargers, nongovernmental organizations, and the public. Represent the San Diego Water Board before other boards, agencies, and groups in a professional manner. Prepare and assist staff with preparing and delivering 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 local, State, and federal 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.



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Marginal Functions (Including percentage of time):

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. This job also requires retrieval and carrying of documents and/or files and the ability to lift 15 pounds. The job requires field inspections and tours and the ability to navigate uneven, rugged terrain for extended periods of time in extreme temperatures throughout the workday. The job also requires the ability to transport field equipment.

Typical Working Conditions:

The incumbent works on the 2nd floor of an office building in the Mission Valley area of San Diego in an enclosed office cubicle, in a smoke-free environment. The work schedule is Monday through Friday. Alternate work schedules and telework may be available following a probationary period based on the operational needs of the San Diego Water Board. In-person attendance is required at the San Diego Water Board office. Local, statewide, nationwide, and international (to Mexico) travel may be required.

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