



Classification: Environmental Scientist
 Position Number: 880-250-0762-035

DUTY STATEMENT

CURRENT

PROPOSED

RPA Number: 23-250-118	Classification Title: Environmental Scientist	Position Number: 880-250-0762-035
Incumbent Name: Vacant	Working Title: Environmental Scientist	Effective Date: TBD
Tenure: Permanent	Time Base: Full-Time	CBID: R10
Division/Office: Division of Water Quality		Section/Unit: Sustainable Water Plans and Policies Section/ Ocean Desalination Unit
Supervisor's Name: Jeanie Mascia		Supervisor's Classification: Senior Environmental Scientist, Supervisor

Human Resources Use Only:	
HR Analyst Approval:	Date:

General Statement
Under the close supervision of a Senior Environmental Scientist, Supervisor 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 incumbent is responsible for helping to develop proposed amendments to the Water Quality Control Plan for Ocean Waters of California (Ocean Plan) desalination requirements and assisting the regional water boards in implementing the requirements when permitting seawater desalination facilities. The incumbent is responsible for conducting work related to ocean desalination facilities, implementation of the Governor's Water Supply Strategy, and promoting equitable access to underutilized water supplies.
Essential Functions (Including percentage of time):



30%	Provide scientific technical expertise on projects in the Unit using knowledge of California's marine and coastal ecosystems, habitats, organisms, and oceanography. Keep apprised of the latest applicable science regarding coastal ecosystems, mitigation, intake and discharge technologies, desalination, water treatment, and other related information. May act as lead for specific tasks or projects, including related to desalination and racial equity. Apply scientific methods and principles to: compile, organize, analyze, and synthesize data and technical information; summarize findings and recommendations in various media (e.g., briefing documents, fact sheets, technical reports, presentations). Use project management skills to plan, organize, and complete tasks, such as developing project charters, schedules, communication plans, and technical documents.
30%	Work on an interdisciplinary team to develop and implement water quality control plans, policies, permits, and implementation plans, including the Water Quality Control Plan for Ocean Waters of California (Ocean Plan). May act as lead for specific tasks or projects such as developing proposed amendments to the Ocean Plan to address desalination facilities. Utilize the scientific method and critical thinking to gather information and develop technical and policy recommendations. Coordinate third party scientific peer reviews and science advisory panels. Analyze environmental impacts associated with the construction and operation of seawater and brackish groundwater desalination facilities and develop statewide technical and policy recommendations. Prepare technical documents such as California Environmental Quality Act (CEQA) documents, economic analyses, and other technical documents for developing and implementing statewide water quality control plans and policies. Prepare public notices, presentations, correspondence, webpage content, and briefing documents with policy options and staff recommendations. Analyze and prepare responses to public comments.
15%	Represent the Water Boards in outreach and engagement efforts, including giving presentations, facilitating meetings and workshops, and conducting Tribal consultations. Conduct equitable community and Tribal outreach and engagement, establish and maintain partnerships, and foster open communication for voices from historically underserved communities, including conducting outreach and analyses and developing findings consistent with Water Code Section 13149.2. Conduct programmatic assessments and identify actions to implement the Racial Equity Resolution, Racial Equity Action Plan, Human Right to Water Resolution, and Climate Change Resolution in integrated water resource management. Serve as a Division of Water Quality representative to the media, develop talking points, presentations, and outreach material for members of the media and public. Clearly convey complex analyses and concepts to diverse audiences and respond to technical and regulatory questions.

Marginal Functions (Including percentage of time):



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10%	Work with staff from the Regional Water Boards to implement and evaluate compliance with the Ocean Plan desalination requirements and develop National Pollutant Discharge Elimination System (NPDES) permits for desalination facilities. Provide technical knowledge related to marine ecosystems and desalination to review documents (e.g., CEQA Environmental Impact Reports, Marine Life Mortality Reports, Marine Life Mitigation Plans); assess impacts to marine life associated with the construction and operation of seawater desalination facilities; make recommendations for compensatory mitigation; participate in scientific studies, and provide summaries of findings and recommendations, including at Regional Water Boards meetings and workshops.
10%	Track legislative updates and prepare analyses for bills. Prepare and respond to inquiries regarding budget change proposals. Consult with the Office of the Chief Counsel and provide advice to staff and management on the preparation of administrative records for review by the Office of Administrative Law and for petitions submitted to the State Water Board. Analyze proposed legislation that may affect the programs in the Unit. Provide staff support on other projects in the Unit.
5%	Perform other duties as required.

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.

Typical Working Conditions:

Most work will be performed in an office setting, either at the incumbent's home office or headquarters location. While at the headquarters location, the incumbent will work in a high-rise office building in downtown Sacramento, in an office cubicle in a smoke-free environment. The work schedule is Monday through Friday. Travel may be required locally and within the state.



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