



Classification: Environmental Scientist
Position Number: 880-270-0762-014

DUTY STATEMENT

☐ CURRENT ☒ PROPOSED

RPA Number: 26-270-004	Classification Title: Environmental Scientist	Position Number: 880-270-0762-014
Incumbent Name: Vacant	Working Title: Environmental Scientist	Effective Date: TBD
Tenure: Permanent	Time Base: Full Time	CBID: R10
Division/Office: Office of Information Management and Analysis		Section/Unit: Surface Water Ambient Monitoring Program
Supervisor's Name: Ali Dunn		Supervisor's Classification: Senior Environmental Scientist (Supervisory)

Human Resources Use Only:

HR Analyst Approval: *Nina Lopez*

Date: 09/28/2026

General Statement

Under the close supervision of a Senior Environmental Scientist (Supervisory) 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

This position will provide technical and scientific expertise to support the use and improved understanding of Surface Water Ambient Monitoring Program (SWAMP) data, science, and other related resources for a broad audience, including Water Board staff and management, agency partners, community groups, and Tribal, federal or local state governments. Incumbent will work closely with the Freshwater and Estuarine Harmful Algal Bloom (FHAB) statewide program coordinator leads and data managers to implement core program components with a focus on monitoring and communication of monitoring and assessment results through various approaches including dashboards, visualizations, webpages, and other data science communication tools.

Essential Functions (Including percentage of time):

45%	Perform various tasks related to data science/technical support: Provide scientific and technical expertise to support the FHAB Program, and other related SWAMP programs and partnerships. Plan and conduct fieldwork to support bioblitz monitoring events, FHAB special studies, and other related SWAMP monitoring efforts. Manage, analyze, and visualize data from large and complex datasets within SWAMP and California Environmental Data Exchange Network (CEDEN) databases and other related data management systems. Use data science knowledge and experience to create interpretive tools and resources including interactive data visualizations, dashboards, infographics, and other data science products that help with data interpretation and communication. Work closely with statewide SWAMP programs and projects (primarily FHAB, but may also include Bioassessment, Toxicity and Contaminants Program, Healthy Watersheds and High-Quality Waters, eDNA and Biomonitoring), Regional and other related State Water Board programs to provide guidance on elements of data life cycle, including documentation, planning/preparation, collection/processing, assurance/analysis, preservation/storage, publishing/sharing, discovery and integration.
30%	Perform various tasks related to science communication: Use data science products and other communication tools developed by staff and contractors to communicate SWAMP monitoring and assessment results to a broad audience. Work with statewide SWAMP monitoring programs, Regional and State Water Board programs and the public to promote question-driven monitoring, science-informed policy for sustainable management of California's aquatic resources. Assist in communication of importance of quality assurance and control protocols and methods consistent with SWAMP. Conduct trainings, workshops, and other events to engage various audiences about technical topics with focus on freshwater harmful algal blooms, as well as bioassessment, bioaccumulation, watershed condition assessment, data science principles, aquatic ecology, freshwater science, and science communication. Support establishment and maintenance of effective intra, inter-agency and public communication systems and processes.
20%	Perform coordinating support: Work closely with SWAMP FHAB statewide program coordinator leads and data managers to support implementation of core program components, including program administration; project management and coordination; quality assurance and data management; and field, laboratory and technical services. Provide general SWAMP support and FHAB incident response; attend meetings, including roundtable and workgroup meetings as appropriate; assist with training and other presentations; respond to information requests from State and Regional Board staff; maintain and update webpages and other shared spaces (e.g., Microsoft SharePoint); conduct fieldwork and other appropriate duties as required by SWAMP.

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. Ability to lift 15 pounds, bend and reach above shoulders to retrieve files and/or documents. Fieldwork may be required and ability to navigate uneven, rugged terrain for extended periods of time, in extreme temperatures throughout the workday.

Typical Working Conditions:

The incumbent works on the 19th floor of a high-rise office building in downtown Sacramento, in an enclosed, non-windowed office cubicle in a smoke-free environment. The work schedule is Monday through Friday. Fieldwork and travel may be 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