



Classification: Environmental Scientist
Position Number: 880-270-0762-004

DUTY STATEMENT

CURRENT PROPOSED

RPA Number: 24-270-018	Classification Title: Environmental Scientist	Position Number: 880-270-0762-004
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 (SWAMP)
Supervisor's Name: Ali Dunn		Supervisor's Classification: Senior Environmental Scientist (Supervisory)

Human Resources Use Only:	
HR Analyst Approval: Danielle Klemencic	Date: 1/23/2025

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 serve as the SWAMP Bioassessment Program Coordinator and support implementation of SWAMP monitoring program activities and efforts related to holistic monitoring and assessment of freshwater and estuarine aquatic systems statewide. They will work closely with SWAMP data science and technical leads and data management staff as part of an interdisciplinary team to implement core program components related to the bioassessment program, including project management, monitoring and assessment, data quality and management, and communication and engagement.
Essential Functions (Including percentage of time):



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45%	<p>Lead SWAMP statewide bioassessment monitoring program coordination and collaboration efforts. Coordination efforts include working closely with SWAMP data science and technical leads, data managers, contractors, Water Board programs and other partners to implement and support core program components, including projects related to program management, monitoring and assessment, data quality and management, and communication and engagement. Contribute to program planning efforts, such as development and maintenance of strategic work plans, budget plans, and contract management support. Work closely with contractors and program partners to coordinate timely completion of contract tasks and deliverables. Support development of monitoring plans and designs to assess holistic conditions of freshwater and estuarine waterbodies statewide. Meet and engage regularly with other Water Board program staff to provide guidance on the use of chemical, physical and biological data produced by SWAMP monitoring efforts. Establish and maintain positive and effective intra and inter agency working relationships. Identify collaborative opportunities for monitoring and assessment of the state's water quality conditions. Attend and/or facilitate meetings, including roundtable, working group, statewide monitoring program team and other related efforts.</p>
30%	<p>Work with statewide SWAMP monitoring program teams, Regional and State Water Board programs and the public to promote science-informed policy for holistic and sustainable management of California's freshwater and estuarine aquatic ecosystems. Use communication tools, such as data science products (data visualizations, dashboards, webpages, social media) to share biological monitoring and assessment data and information with a broad audience. Maintain and update webpages and other shared spaces (e.g., Microsoft SharePoint, Jira). Conduct trainings, workshops, and other events to engage various audiences about technical topics with a primary focus on bioassessment, biodiversity and other related SWAMP topics such as freshwater harmful algal blooms, watershed condition assessment, data science principles, aquatic ecology, freshwater science, community science and science communication. Assist in communication of importance of quality assurance and control protocols and methods consistent with SWAMP.</p>



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20%	<p>Provide support to and work with SWAMP data science and technical leads on various projects related to the advancement and improved understanding of freshwater science and ecological data, and other related resources. Assist with management, analysis, and visualization of data from large and complex datasets within SWAMP and California Environmental Data Exchange Network (CEDEN) databases and other related data management systems. Provide input and feedback on interpretive tools and data science projects developed by data science and technical leads. Support creation of interpretive tools and resources including interactive data visualizations, dashboards, infographics, and other data science products that help with data interpretation and communication. Conduct fieldwork as needed to support biological monitoring programs, including SWAMP environmental DNA, harmful freshwater algal blooms, and bioassessment. Explore feasibility of various parameters to monitor through SWAMP program efforts, including but not limited to, fish assemblages, amphibians, birds, microplastics, trash and others that provide meaningful insights into water quality conditions. Assist with integration of chemical, physical and biological data produced by SWAMP and related monitoring programs for improved, holistic assessments of waterbody conditions statewide.</p>
Marginal Functions (Including percentage of time):	
5%	<p>Perform other duties as required.</p>
Typical Physical Conditions/Demands:	
<p>The job requires extensive use of a personal computer and the ability to sit/stand at a 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 the ability to navigate uneven, rugged terrain for extended periods of time, in extreme temperatures throughout the workday.</p>	
Typical Working Conditions:	
<p>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.</p>	



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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