



Classification: Environmental Scientist
 Position Number: 880-270-0762-015

DUTY STATEMENT

CURRENT PROPOSED

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| RPA Number: 24-270-014 | Classification Title: Environmental Scientist | Position Number: 880-270-0762-015 |
| 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 (Supervisor) |

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| Human Resources Use Only: | |
| HR Analyst Approval: Danielle Klemencic | Date: 1/19/2025 |

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| 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 solicit and consider internal/external customer input when completing work assignments. |
| Position Description |
| This position will support implementation of SWAMP monitoring program activities and efforts related to chemical, physical and biological monitoring of waterbodies 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 including projects related to program 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 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 integrity of waterbodies' biological conditions 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 meetings.</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 sustainable management of California's freshwater ecosystems. Use communication tools, such as data science products (data visualizations, dashboards, webpages, social media) to share SWAMP monitoring and assessment data and information with a broad audience. Maintain and update webpages and other shared spaces (e.g., Microsoft SharePoint). Conduct trainings, workshops, and other events to engage various audiences about technical topics that may include freshwater harmful algal blooms, bioassessment, bioaccumulation, 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> |
| 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 SWAMP data, science 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 freshwater harmful algal bloom and biological monitoring programs. Explore feasibility of various parameters to monitor through SWAMP program efforts, for example fish assemblages, microplastics, birds, and others that provide 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> |



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| Marginal Functions (Including percentage of time): | |
| 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 a desk, utilize a phone, and type on a keyboard for extended periods of time. | |
| Typical Working Conditions: | |
| This position is located 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. Travel may be required locally and within the state. Fieldwork 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 |
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| Employee Name | Employee Signature | Date |
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