



Classification: Environmental Scientist
 Position Number: 880-130-0762-006

DUTY STATEMENT

CURRENT PROPOSED

RPA Number: 24-130-077	Classification Title: Environmental Scientist	Position Number: 880-130-0762-006
Incumbent Name: Vacant	Working Title: Environmental Scientist	Effective Date: TBD
Tenure: Permanent	Time Base: Full time	CBID: R10
Division/Office: Region 3 / Central Coast Water Board		Section/Unit: Standards, Planning & Assessment/ Nonpoint Source/Grants
Supervisor's Name: Daniel Ellis		Supervisor's Classification: Senior Environmental Scientist (Supervisory)

Human Resources Use Only:	
HR Analyst Approval: <i>Nina Lopez</i>	Date: 03/20/2025

General Statement
Under close supervision of a Senior Environmental Scientist (Supervisory) and consistent with good customer service practices and the goals of the State and Regional Water 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 Environmental Scientist will be responsible for developing Total Maximum Daily Load (TMDL) planning projects including analysis of water quality and pollution source data and information, coordination with permitting programs, other agencies, and interested members of the public to develop implementation plans, public outreach and engagement, and bringing the proposed project to the Regional and State Water Boards for adoption and approval, respectively. The Environmental Scientist will also be responsible for supporting water quality data assessments that inform the federal Clean Water Act section 303(d) List and section 305(b) Report.



Essential Functions (Including percentage of time):

35%	Develop, lead, and manage TMDL projects through the entire planning and approval process. Review peer-reviewed research and identify relevant data sets. Utilize existing and novel approaches to develop numeric thresholds for pesticides, nutrients, and other toxic pollutants for TMDLs, permits, or other regulatory mechanisms that protect water quality. The components of TMDLs projects may include: data analysis, problem statements, numeric targets, source analysis, waterbody assimilative capacity, allocations, linkage analysis, margin of safety, implementation and monitoring plans, California Environmental Quality Act (CEQA) documents, and water quality standards changes. Conduct internal and public meetings to facilitate development, approval, and implementation of TMDL projects. Prepare documentation for public meetings and the administrative record. Facilitate and participate in external processes and technical or scientific advisory groups. Represent the Water Board policies before the general public, special interest groups, technical committees, and governmental agencies, and make presentations before the Central Coast Water Board and State Water Board. Deliver the final TMDL projects before the State Board for their approval and provide documentation to Office of Administrative Law (OAL) and USEPA for their review and approval processes, as necessary.
30%	Perform data analysis, source analysis, and linkage analysis to provide support for TMDL project development. This analysis may include: evaluation of water quality monitoring data, watershed analysis of multiple land uses and impacts on beneficial uses, developing strategies and regulatory mechanisms to improve pollution load reduction, evaluating existing studies, evaluating the environmental impacts of pollutant loads, and developing targets.
25%	Perform data analysis and related tasks to provide support for updating the Integrated Report including the federal Clean Water Act section 303(d) List and section 305(b) Report. Specific tasks may include the following: identify appropriate criteria to evaluate attainment of water quality standards, evaluate water quality monitoring data, support development of automated tools to evaluate data, develop lines of evidence, develop standards attainment recommendations (fact sheets), and develop other documentation to support the development of the Integrated Report.

Marginal Functions (Including percentage of time):

5%	Review Department of Pesticide Regulation (DPR) water quality monitoring studies and reports and effectively distribute internally for comments; coordinate and review regional pesticide water quality monitoring data; track DPR's pesticide registration reevaluation; coordinate with DPR on the response to the detection of pesticides in Central Coast surface waters; and coordinate with DPR on the development of DPR surface water regulations.
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.

Typical Working Conditions:

The Environmental Scientist works on the 2nd floor, in an office building in San Luis Obispo and will be assigned a cubicle in a smoke-free environment. Should teleworking be approved, this employee may also work some days each week at an approved alternative telework location. The work schedule is Monday through Friday. 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