



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

## DUTY STATEMENT

☐ CURRENT

☒ PROPOSED

|                                                   |                                                         |                                                                                    |
|---------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>RPA Number:</b><br>26-130-023                  | <b>Classification Title:</b><br>Environmental Scientist | <b>Position Number:</b><br>880-130-0762-006                                        |
| <b>Incumbent Name:</b><br>Vacant                  | <b>Working Title:</b><br>Environmental Scientist        | <b>Effective Date:</b><br>TBD                                                      |
| <b>Tenure:</b><br>Permanent                       | <b>Time Base:</b><br>Full time (100%)                   | <b>CBID:</b><br>R10                                                                |
| <b>Division/Office:</b> Central Coast Water Board |                                                         | <b>Section/Unit:</b> Standards, Planning & Assessment/<br>Nonpoint Source/Grants   |
| <b>Supervisor's Name:</b> Keara Tuso              |                                                         | <b>Supervisor's Classification:</b><br>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 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):

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|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 30%                                                       | 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, mapping, problem statements, numeric targets, source analysis, waterbody assimilative capacity, allocations, linkage analysis, margin of safety, implementation and monitoring plans, 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. Support grant projects and TMDL implementation. 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 Water 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 numeric targets.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 30%                                                       | 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, evaluate waterbody extents with geospatial analysis, 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 5%                                                        | Review Department of Pesticide Regulation (DPR) and other relevant agencies' water quality monitoring studies and reports and effectively distribute internally for comments; coordinate, track, and review regional pesticide water quality monitoring data; and coordinate with DPR and other agencies on the response to the detection of pesticides in Central Coast surface waters and the development of surface water regulations. Support efforts to evaluate integrated pest management and nutrient management effectiveness as it relates to commercial agricultural activities.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Marginal Functions (Including percentage of time):</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 5%                                                        | Perform other duties as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Typical Physical Conditions/Demands:</b>               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |



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The job requires extensive use of a personal computer and the ability to be in a stationary position at a desk, utilize a phone, and type on a keyboard for extended periods of time. Ability to move 15 pounds, bend and retrieve files and/or documents above shoulders. Field site visits may be required locally and within the state.

**Typical Working Conditions:**

The Environmental Scientist works on the 2<sup>nd</sup> 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 |
|                 |                      |      |