

DUTY STATEMENT

ORGANIZATION (DIVISION/REGION/BOARD) Division of Water Quality	UNIT Assessment Tools and Support Unit	POSITION # 880-250-0762-001	DATE FEBRUARY 2023
NAME OF EMPLOYEE (IF APPLICABLE) Vacant			
CURRENT CLASSIFICATION Environmental Scientist		PROPOSED CLASSIFICATION (IF APPLICABLE)	
NAME OF SUPERVISOR Lori Webber			
CURRENT CLASSIFICATION OF SUPERVISOR Senior Environmental Scientist (Supervisory)		REVIEWED AND APPROVED BY SIGNATURE	
SUPERVISION EXERCISED (IF APPLICABLE)			
1. DIRECTLY SUPERVISED		2. INDIRECTLY SUPERVISED	
NO. OF EMPLOYEES	CLASS TITLE	NO. OF EMPLOYEES	CLASS TITLE
DESCRIPTION OF DUTIES: SUMMARIZE THE REGULARLY ASSIGNED DUTIES OF THE POSITION, EXPLAIN MOST IMPORTANT DUTIES FIRST. LIST THE PORTION OF TIME BY PERCENTAGE IN LEFTHAND COLUMN, EXTRA SHEETS MAY BE ATTACHED.			
% OF TIME	DUTIES		
	Under close supervision of a Senior Environmental Scientist 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.		
	The Environmental Scientist will conduct scientific assessments, data management, data analysis, and administrative tasks in support of the development and use of the California Integrated Report. The Integrated Report combines the Clean Water Act section 305(b) water quality assessment and the section 303(d) list of impaired waters into one report that describes the water quality of California's lakes, rivers, beaches, and other aquatic ecosystems.		
45%	Utilize scientific methods and principles to perform complex analyses of physical, chemical, and biological water quality data submitted for Integrated Report assessments. Comprehensively evaluate all available datasets by waterbody-pollutant combination to determine impairment status. Apply Listing Policy procedures, including statistical tests, trend analyses and weight of evidence evaluations to make impairment decisions. Serve as the subject matter expert for specific data types as needed, including, but not limited to, biological indices of benthic macroinvertebrate data. Research and determine appropriate evaluation guidelines consistent with the Listing Policy to interpret narrative water quality objectives. Formulate recommendations and present to management and State Water Board Members regarding the scientific, technical, legal, and administrative adequacy of listing and delisting recommendations.		
35%	Apply advanced data management procedures and utilize data analysis tools to support Integrated Report assessments and submission to U.S. EPA. Utilize the California Water Quality Assessment (CalWQA) database and assist with its maintenance and modernization. Utilize GIS software to map representative waterbody segments for assessment. Assist with development of data exploration and data visualization tools		

	to facilitate analysis of water quality data. Submit Integrated Report assessments to the U.S. Environmental Protection Agency via the Assessment and Total Maximum Daily Load Tracking and Implementation System (ATTAINS) data system.
15%	Assist in the administration of the California Integrated Report including but not limited to solicitation of data and information, procedures documentation, and records management. Assist with the State Water Board public participation process, as required, including preparing workshop and hearing notices, coordinating public meeting room arrangements, maintaining mailing lists, coordinating posting of information on State Water Board intranet and internet web sites. Aid in training new Regional and State Water Board staff.
5%	Perform other duties as required.
Employee Signature: _____ Date Signed: _____	