

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION Environmental Scientist		DWR POSITION NUMBER 0370-0762-900	SAP POSITION NUMBER 50105958	MCR 1
APPOINTEE Vacant		SAP PERSONNEL NO.	DIVISION/SECTION DISE - Continuous Environmental Monitoring	
COLLECTIVE BARGAINING IDENTIFIER Management Related BU: ☐ Supervisory Related BU: ☐ Confidential Related BU: ☒ Rank and File BU: R10				
RESPONSIBILITIES EXERCISED ☐ Supervisory ☐ Lead Person		IMMEDIATE SUPERVISOR (Print) Morgan Battey	SUPERVISOR'S CLASSIFICATION Senior Environmental Scientist (Supv)	
APPROVED BY (Personnel Analyst's Name) Jennifer Greathouse			DATE 10-8-26	
<i>Percent of Time</i>	<i>Activity</i>			
40%	POSITION SUMMARY Under the direction of the unit manager for Continuous Environmental Monitoring, the incumbent will collect, analyze, manage, and report environmental data for the Environmental Monitoring Program (EMP). The incumbent will lead field monitoring activities in the San Francisco Bay-Delta estuary, analyze and synthesize data from these and related activities to produce technical reports, data publications, and presentations. They will also conduct special studies on emerging water quality issues in the Bay-Delta and report findings to management and stakeholders in support of regulatory mandates. ESSENTIAL FUNCTIONS The incumbent will collaborate closely with other members of the EMP team, maintain consistent, regular and predictable attendance, follow all departmental policies, including safety policies, and communicate effectively, verbally and in writing. The incumbent will also perform the following specific essential duties: Under the supervision of the Manager, installs, operates, evaluates, and maintains equipment, instrumentation, and infrastructure at remote water quality monitoring stations. This includes the setup, calibration, and operation of water quality instruments; programming and configuration of data loggers and computers for the storage and transfer of analytical data; evaluation of instrument performance and data quality; and inspection, maintenance, and minor repairs of station infrastructure and support equipment. Monitors real-time data to ensure data are being successfully telemetered to the California Data Exchange Center (CDEC) and internal databases. Collects and processes water quality and biological samples in accordance with established standard operating procedures (SOPs) and maintains calibration and data collection records. Manages laboratory and field equipment and supplies needed to support monitoring activities, including maintaining inventories, identifying equipment and supply needs, and facilitating the procurement of scientific equipment and supplies. These activities may require driving a State vehicle on public roadways and/or operating a small motorboat on public waterways.			
SUPERVISOR'S STATEMENT: I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE.				
SUPERVISOR'S NAME (Print) Morgan Battey		SUPERVISOR'S SIGNATURE ➤		DATE
EMPLOYEE'S STATEMENT: I HAVE DISCUSSED WITH MY SUPERVISOR THE DUTIES OF THE POSITION AND HAVE RECEIVED A COPY OF THE DUTY STATEMENT.				
EMPLOYEE'S NAME (Print) Vacant		EMPLOYEE'S SIGNATURE ➤		DATE

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION		DWR POSITION NUMBER	SAP POSITION NUMBER	MCR
Environmental Scientist		0370-0762-900	50105958	1
APPOINTEE		SAP PERSONNEL NO.	DIVISION/SECTION	
Vacant			DISE - Continuous Environmental Monitoring	
Percent of Time	Activity			
25%	Organize and manage water quality, biological, and meteorological data collected by the CEM unit to ensure internal data quality objectives, as specified in programmatic SOPs and Quality Assurance Project Plans (QAPPs), are met. Perform rigorous quality assurance/quality control (QA/QC) evaluations and validate data using Wagner method principles. Integrate newly collected data with historical data and manage long-term datasets in internal databases. Coordinate with database administrators to improve data retrieval processes and support automation of data management workflows. Review and update existing SOPs, QAPPs, and other associated documents as needed.			
20%	Analyze water quality and related datasets using scientific software and Microsoft Office to conduct statistical analyses, evaluate time-series trends, and support interpretation of monitoring results. Prepare and communicate findings through technical reports, memoranda, presentations, and peer-reviewed scientific publications. Promptly complete all mandated reporting, including annual reports for DWR managers and stakeholders to comply with Water Right Decision 1641. Make data publicly available to the Environmental Data Initiative (EDI) and the California Natural Resources Agency (CNRA) open data portal in accordance with AB 1755.			
10%	Collaborate with special study project leads in the planning, development, and implementation of field studies. Depending on the study, this may include obtaining, fabricating, and/or preparing needed field equipment and materials. Conduct environmental monitoring activities for special studies. Develop and implement project specific QA/QC protocols.			
5%	Participate in interagency project work teams or other collaborative groups representing EMP and prepare presentations at conferences and other meetings. Respond to inquiries from partners and stakeholders regarding DWR facilities, monitoring data, and program activities.			
	SPECIAL REQUIREMENTS Possess a valid California driver's license in order to drive to various field sampling locations. Must possess or be able to obtain a valid California boater card. Incumbents must possess the physical ability to work aboard a boat for extended periods (>8 hrs) without incapacitation from seasickness, swim at least 50 yards unaided, promptly don personal flotation gear without assistance (i.e., a personal flotation device or PFD), stay afloat for five minutes while wearing a PFD, carry and transport loads of up to 25 lbs. Incumbent must also possess normal (or correctable to normal) visual and hearing acuity to safely process hand and verbal signals used to operate hydraulic equipment onboard sampling vessels. All employees are responsible for contributing to an inclusive, safe, and secure work environment that values diverse cultures, perspectives, and experiences, and is free from discrimination.			