

<b>Position</b>	Water Quality Manager
<b>Facility</b>	Aquarium of the Pacific
<b>Location</b>	Long Beach, CA
<b>Job Summary</b>	The Water Quality Manager is responsible for the oversight of the water quality laboratory including supervision of staff and for analyses on all water systems. This includes the development of water quality procedures and protocols, and the monitoring of parameters on all systems. This position reports to the Vice President of Husbandry.
<b>Essential Functions</b>	<p>Supervising the Water Quality Lab Technicians and volunteers that may assist with water quality analyses. Training new staff in lab procedures including the interpretation of data, use of water analysis equipment, and safety. Ordering all necessary equipment with approval of the Vice President of Husbandry; conducting routine inventory and maintaining lab stock. Developing laboratory protocols and procedures for standardization of water quality analyses, including standard operating procedures, method validation and detection limit studies. Under the supervision and direction of the Vice President of Husbandry, planning for short and long term goals as related to water quality, including supplies, logistics, and other resources. Under the supervision and direction of the Vice President of Husbandry, developing and oversight of the water quality operating budget. Overseeing the lab's quality control and quality assurance through electrode calibration, maintenance of lab equipment, minor equipment repair, and lab cleanliness. Ensuring high quality consistency and confidence in analytical testing methods in order to maintain optimal health and environment for all animals. Inputting water quality data results and maintain computer database (Tracks); closely monitoring trends in water quality parameters. Maintain logs for laboratory equipment performance, calibration, and maintenance.</p> <p>Communicating water quality results to husbandry and life support systems staff on a daily basis. Preparing quarterly data summary meetings, and writing clear, concise reports. Daily water quality analyses on all water systems which include (but are not limited to) temperature, salinity, pH, ammonia, nitrite, nitrate, phosphate, total copper, total zinc and total iron, ORP, total alkalinity, dissolved oxygen, total gas pressure, phosphate, chlorine, calcium, magnesium, turbidity, dissolved organics (UV 254), calcium, and carbon dioxide, and pharmaceuticals. Obtaining and transporting samples to outside laboratories for analysis when needed. Monitoring medication levels in quarantine systems undergoing treatment, nitrogen cycling in new systems. Monitors and ensures quality of source water from seawater intake, delivered natural seawater, and treated freshwater sources. Ensuring USDA testing compliance and marine mammal water quality through the analysis of pH, total coliform and Enterococcus levels in marine mammal systems. Conducting enumeration of indicator bacteria in order to ensure that life support system filtration is operating satisfactorily. Developing and refining all lab safety protocols and ensuring adherence. Oversight and implementation of lab safety training for Husbandry staff.</p>
<b>Other Duties and Responsibilities</b>	

<b>Knowledge, Skills and Abilities</b>	Working knowledge using the following equipment is required: pH electrodes, salinity electrodes, spectrophotometer, incubators, microscopes, dissolved oxygen electrodes, ORP electrodes, and computers. A working knowledge in Ion Chromatography, Atomic Absorption Spectroscopy and Ion Selective Electrodes is highly desirable. Excellent problem solving skills. Excellent laboratory skills. Excellent communication skills. Proficient in laboratory safety procedures, clean up and disposal of waste and spills. Maintenance of knowledge of current techniques and equipment in pertinent fields of water quality, chemistry, and microbiology. Comfort and familiarity with MS Word, Excel, and PowerPoint.
<b>Education &amp; Experienced Required</b>	Bachelor's degree in chemistry, environmental science, aquatic biology, or equivalent experience is required. Minimum of three (3) years' working experience in a water quality laboratory is desirable. Previous experience in keeping closed aquarium systems is desirable. Must have a thorough understanding of sea water chemistry, particularly as it applies to aquarium systems.
<b>Licenses and Certifications Required</b>	
<b>Physical Requirements</b>	Ability to sit, stand, and walk for long periods of time Ability to balance bend, squat, climb, kneel, twist Ability to lift and carry up to 0-50lbs Ability to pull and push up to 0-50lbs Full functional range of motion in all major body joints from reaching, twisting, bending, simple gripping, fine and gross motor skills
<b>Working Conditions</b>	Exposed to working in confined spaces Exposure to various in temperature, humidity or wetness Wet, dirty, uneven surfaces and walkways Elevated platforms Use of special auditory, visual, and personal protective equipment Exposed to working with bio-hazards Exposed to laboratory chemicals and agents Use of hand tools, machinery and company vehicles Working with water quality machinery Aquarium habitats and open ocean environments
<b>Salary</b>	
<b>Respond To</b>	If you meet the requirements of this position, please visit our EMPLOYMENT WEB PAGE. You will be directed to our web application process, the successful completion of which is required by all applicants. There are THREE simple steps to this process, which is administered by Hire Select: You will complete a brief web application; You will attach or build your resume; You will complete the PCI aptitude assessment. Upon completion of all THREE steps, your submission will be forwarded to our hiring team for consideration. If you are among the most qualified applicants, we will contact you within two to three weeks. If you do not hear from us within that time, feel free to reapply in the future as other opportunities arise. Thank you so much for your interest in the Aquarium of the Pacific! The Aquarium of the Pacific is an Equal Opportunity Employer.
<b>Closing date</b>	03/20/2019

The message has been sent from 45.59.192.3 (United States) at 2019-03-06 15:13:45 on Chrome 72.0.3626.119  
Entry ID: 273