

Position	Life Support Mnager
Facility	OdySea Aquarium
Location	Scottsdale, AZ
Job Summary	<p>This position requires a dedicated individual who will take direction from the Director of Animal Care & Conservation in overseeing all water quality systems within the aquarium. Must have experience with advanced water chemistry analysis techniques. Applicant must have thorough understanding of aquarium water chillers, heat exchangers, UV and ozone systems, reverse osmosis, fractionators, plumbing application, pumps, motors and filtration equipment. Applicant must have the ability to troubleshoot complex water treatment and filtration systems, both saltwater and freshwater. This position requires an individual with a high degree of professional experience in a broad range of specialty areas as well as proven leadership, effective training, and excellent teamwork by demonstrating leadership by example. Priorities for this position include fostering a positive work and team atmosphere, attention to animal health, exhibit excellence, and visitor experience.</p>

Essential Functions

As a member of management, manager will guide, lead, and create an environment where people work as a team, and empower each other by being patient, kind, humble, respectful, forgiving, honest, and committed when interacting with one another and guests. Performs and develops objectives, protocols, policies, and operating procedures to ensure the most professional, effective, efficient, and successful exhibits and related operations for the Animal Care and Conservation Department. Manages and evaluates support staff as assigned. Maintains the life support systems for the animals in the collection. Conducts daily water quality testing, chlorine, salinity, pH Coordinates, coliform screening, and any other necessary testing and work with lab technicians to ensure appropriate scheduling, collection, handling, and analysis of water samples. Operates, monitors and maintain the associated equipment (pumps, chillers, ozone generators, filters, and piping systems) and conducts daily visual inspections and schedules regular maintenance on all systems equipment.. Writes and tests emergency procedures for life support systems. Works closely with other team members within the department, such as biologists, trainers, divers, and Animal Health Senior Director to effectively plan for water quality needs for the animals. Maintains accurate records, and distribute reports. Enters data into the database. Keeps current with certifications necessary for the operation of the water quality lab and systems operation. Develops water quality test schedules to ensure clear understandable data for each system. Maintains communication with Animal Care Curator, Director of Animal Care & Conservation, Director of Operations, Director of Animal Health, Director of Animal Care and Education, Dive Safety Officer, SeaTrek Manager and others regarding water quality parameters for each system. Complete understanding and following of all AZA and USDA guidelines and parameters. Familiar with regulations for housing marine mammals in terms of life support system; understands and implement any testing and monitoring parameters required to comply with the Animal Welfare Act (AWA). Maintains current records for review by USDZ-APHIS inspector upon request. Develops and implements water quality safety protocols. Develops, administers and monitors assigned budgets. Proactive management regarding maintenance and operation of all LSS equipment; troubleshoot and repair systems and water issues in a timely manner. Participates in exhibit and facility planning, research and design. Works collectively with Director of Animal Care & Conservation, Director of Care & Education, Director of Animal Health, and VP/General Manager in defining the water quality parameters that are appropriate for the species housed within each aquatic and marine system. Makes chemical additions as necessary with the understanding of how it impacts the health of the animals. Ensures assigned operational protocol comply with established protocols, professional standards and government regulations.

Other Duties and Responsibilities**Knowledge, Skills and Abilities****Education & Experienced Required**

Bachelor's Degree in Biology, Chemistry, or related field. Applicants have minimum of Level 2 AALSO certification preferred. A valid driver's license with a good driving record. Certification from a recognized SCUBA training organization may be required. 5-7 years of experience working in an AZA accredited zoo, aquarium or equivalent facility with familiarity of pool equipment, LSS, HVAC, and general maintenance; extensive knowledge of water quality systems, water chemistry analysis techniques, as well as regulatory and membership agencies and regulations (USDA, USFWS, AZA, AALSO). Conduct vacuuming, backwashing, filter maintenance, and temperature monitoring. Monitor and administer budgets. Develop short and long-range strategic and tactical plans.

Licenses and Certifications Required

Physical Requirements**Working Conditions**

Successful completion of a pre-employment drug testing and background investigation. Allergies related to animals or plants, which might interfere with ability to work, must be controlled by medications or protective equipment. Able to spend most of the workday walking/standing in aquarium public spaces. Ability to push/pull up to 50 pounds. Must be willing to work a minimum of 40 hours per week, including weekends and holidays. Some assignments will require the ability to work at elevated heights, move moderate to heavy objects, use power tools, operate heavy equipment. Ability to stand for long periods of time, as well as walk. Ability to use hands to finger, handle, or feel; and reach with hands and arms. Ability to balance, stoop, kneel, crouch, climb stairs, or crawl. Required to frequently talk and hear. No impairment of sight, smell, hearing, touch, balance and agility of movement which might interfere with ability to work. Specific vision requirement for this job include close vision, color vision, depth perception, and the ability to focus. Must be able to take directional cues directly or indirectly. Ability to work in an environment that may be loud at times. Ability to work in all weather conditions, including occasional extreme hot or cold, and wet and/or humid conditions. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Salary**Respond To**Phil Argiros pargiros@odyseaaquarium.com**Closing date**

07/29/2020

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