

WATER QUALITY TECHNICIAN (Hourly)

JOB SUMMARY: The Water Quality Technician is responsible for all aspects of water chemistry including testing, make-up, treatment, and laboratory equipment and chemicals. This is a full-time, hourly position with hours that may vary and may include weekend shifts.

MAJOR RESPONSIBILITIES/ACTIVITIES:

- Collect water samples throughout the aquarium and run predetermined analysis on them on a daily schedule.
- Communicate with supervisors to maintain timely ordering of salt, equipment, supplies, and chemicals.
- Communicate with biology team and supervisors the needs and issues relating to water quality of all systems at the aquarium and work with them to resolve any problems.
- Track water usage.
- Maintain records and MSDS binders.
- Analysis performed includes but are not limited to: Ammonia, nitrite, nitrate, pH, salinity, alkalinity, copper, dissolved oxygen, chlorine, phosphates, micro-nutrients, etc.
- Maintain and calibrate lab equipment so that it is in proper working order at all times.
- Equipment used: Hach spectrophotometer and hand-held unit, ph and salinity probes, standard test kits and titrations.

ADDITIONAL RESPONSIBILITIES/ACTIVITIES:

- Respond to staff requests for support as needed.
- Extremely organized with strong multi-tasking and time-management skills.
- Demonstrate professionalism at all times.
- Perform other related duties as requested.

MINIMUM AND PREFERRED REQUIREMENTS:

- Bachelor's degree in biology, chemistry, environmental science, or related field; or two (2) to four (4) years of experience working with captive aquatic life.
- Working knowledge of water filtration systems including; biological, mechanical, and chemical filtration.
- Thorough understanding of the nitrogen cycle.
- Ability to work safely with hazardous chemicals and follow safety protocols.
- Ability to be flexible with changing exhibits and the needs of those exhibits.
- High degree of concentration and attention to detail.
- Good record keeping skills.
- Ability to communicate both verbally and in writing.
- The ability to lift 50lbs and work on ones feet for long periods of time in adverse conditions (cramped spaces, cold water, wet environment).
- Familiarity with Microsoft Office software.
- Schedule may include weekends and holidays with 24-hour availability, seven days a week for emergencies.

WORKING ENVIRONMENT

The duties of the Water Quality Technician will be generally performed inside and outside of the Oklahoma Aquarium. Work environment is team oriented, having variable tasks, pace, and pressure.

Physical: Primary functions require sufficient physical ability to work in a laboratory and aquatic setting and operate aquatic equipment. Continuous standing, with upward and downward flexion of neck; fine finger dexterity; light to moderate finger pressure to manipulate keyboard, equipment controls, and equipment; pinch grasp to manipulate writing utensils. Frequent side-to-side turning of neck, walking, standing, bending, stooping, pushing/pulling, and twisting at waist. Frequent squatting, kneeling, and reaching above and at shoulder height; moderate grasp to manipulate reference books and manuals. Frequent lifting of 50 pounds while working in adverse conditions (cramped spaces, cold water and wet environment).

Vision: See in the normal visual range with or without correction; vision sufficient to read computer screens and printed documents and to operate equipment.

Hearing: Hear in the normal audio range with or without correction.