



Position Description

Title	Animal Care Technician – Water Quality
Reports to	Coordinator of Living Collections
Location	11 West Jones St, Raleigh, NC.
Status	Part-time, temporary, in-person
Salary	\$16 hourly, 16-20 hours per week.

About Living Collections

The Living Collections section is responsible for the daily care of more than one thousand live animals representing 200 species, including many arthropods, freshwater and marine fish, reptiles and amphibians, as well as a few species of birds and mammals. Animal exhibits feature species from North Carolina and around the world. We deliver a range of guest-facing programs, curate a substantial collection of Ambassador Animals, care for live plants, and collaborate with other museum sections to celebrate nature and advance science.

About this position

Animal Care Technicians assist with day-to-day animal care in Living Collections. This position's primary responsibilities are related to water quality testing.

Water quality is key to the care and welfare of aquatic animals. Daily tasks may include sampling animal habitat water, testing a range of parameters, entering data, reporting results, inventorying testing supplies, and cleaning and maintaining testing equipment.

Water quality parameters tested can include but are not limited to: total and free chlorine, Nitrate, Nitrite, Ammonia, pH, dissolved oxygen (DO), total dissolved solids (TDS), temperature (F° and C°), Calcium Hardness. Water quality equipment includes but is not limited to: Hach colorimeter with powder pillows, titrations, pH pens, TDS meters, DO meters, refractometers, fume hood, and personal protective equipment (PPE).

This position is part of the Living Collections Swing team, working throughout the Museum's animal care areas to support animal care.

Key Responsibilities

- Assists with the performance of routine animal care tasks according to work schedules and written plans.
- Prepares water to various compositions and replaces water in animal habitats and life support systems.
- Monitors temperature, humidity, water quality, and a range of conditions in animal habitats, care spaces, and other Museum equipment and facilities.
- Cleans and maintains animal habitats and associated parts and equipment.
- Performs regular, detailed, and accurate data entry related to animal care tasks and observations.
- Records animal data using database management software, paper logs, and other formats as part of routine data entry and recordkeeping tasks.
- Cleans and maintains the tools, equipment, and facilities used in animal care.
- Performs housekeeping such as washing dishes, mopping floors, and taking out trash and recycling.
- Follows disinfection protocols as required.
- Assists with the installation, maintenance, and troubleshooting of animal life support equipment such as basking lights, humidifiers, and water filters.
- Participates in unit meetings, keeps scheduled assignments, and maintains an up-to-date work calendar.
- Communicates actively and effectively verbally and in writing via email, office software, and other platforms.
- Works effectively independently and as a member of the unit.
- Participates in educational programs, keeper talks, media experiences, and similar guest-facing activities as directed.
- Assists in the upkeep of storage spaces and the inventory of supplies and equipment.
- Participates in animal and human safety training and drills as directed.
- Creates and maintains a positive, inclusive, and engaging work environment and guest experience through their personal and professional conduct.
- Other duties as assigned by supervisor.

Physical Requirements

- Regularly lift over 40 pounds.
- Climb stairs and ladders.
- Work in tight spaces.
- Stand for extended periods.
- Negotiate uneven outdoor terrain on foot.