

**TITLE:** Research & Monitoring Seasonal Intern – Hudson River National Estuarine Research Reserve

**EMPLOYER:** NEIWPCC, Wannalancit Mills, 650 Suffolk Street, Suite 410, Lowell, MA 01854

**LOCATION:** NYSDEC's Hudson River National Estuarine Research Reserve (NERR) Headquarters at Norrie Point Environmental Center, Norrie Point Way, Staatsburg, NY 12580.

**BACKGROUND INFORMATION:** NEIWPCC is a regional commission that helps the states of the Northeast preserve and advance water quality. We engage and convene water quality professionals and other interested parties from New England and New York to collaborate on water, wastewater, and environmental science challenges across the regions, ecosystems, and areas of expertise.

The Hudson River National Estuarine Research Reserve (HRNERR) was established in 1982 when New York State and the National Oceanic and Atmospheric Administration (NOAA) designated four Hudson River Reserve sites. The programs were undertaken to protect and improve the natural and human resources of the Hudson River Basin. Partners in the program include the NYSDEC Marine Resources, NOAA, NEIWPCC and other federal, state, and local agencies.

**JOB SUMMARY:** The Research & Monitoring Seasonal Intern will provide support to the HRNERR research team and additional support to the Hudson River Environmental Conditions Observing Systems (HRECOS) Coordinator in the field and in the laboratory. The duties and responsibilities listed below will be delegated with the goal of developing the intern's skillsets and knowledge to provide a valuable, early-career experience. For all tasks, ample training will be provided, and the work will be performed alongside full-time staff.

Position is expected to support the 2024 field season, with a start date no earlier than April 1, 2024, and an end date no later than December 29, 2024 (not to exceed 999 hours total). Start and end dates may be flexible to accommodate the needs of individual candidates.

#### **DUTIES AND RESPONSIBILITIES:**

Specific duties, working in both laboratory and field settings, include:

- Assisting with the Reserve's Research Program in conducting long-term research and monitoring of Hudson River Estuary habitats, including freshwater tidal emergent marshes and beds of submerged aquatic vegetation (SAV) and other Reserve activities.
- Assisting with the NERRS System-Wide Monitoring Program (SWMP) and the HRECOS. Such activities will include:
  - Providing support with calibration, deployment, and maintenance of data loggers.
  - Collecting of water samples and field data.
  - Providing support with wet chemistry, including but limited to, vacuum filtration, sample preparation, and chemical analysis for nutrients.
  - Providing support with the preparation of various standards, chemicals, and reagents.

- Providing additional assistance with various research projects not listed above.
- Data entry and interaction with large volume data sets.
- Other duties as assigned.

**SUPERVISORY CONTROLS:** Incumbent operates under the general supervision of the Environmental Analyst who will provide instruction on new work, guidance, and review of completed work to assure accuracy and adherence to established policy and requirements. Independently performs tasks in an efficient and effective manner, using good judgment. The intern will be supervised by Christina Pacella, NEIWPCC/HRNERR, in consultation with the NEIWPCC project manager.

**PREFERRED QUALIFICATIONS:** A bachelor's degree in environmental science, biology, chemistry or engineering, or a related field. Applicants in pursuit of a bachelor's degree will also be considered.

### **Personal Characteristics**

- Naturally prone to action with a focus toward continuous improvement and is committed to contributing to the overall success of NEIWPCC.
- Ability to build collaborative relationships across NEIWPCC and our partners.
- Approachable and diplomatic in all interactions.
- Able to manage change and articulate the "value case" for it.
- A team player who is inclusive and willing to help others.
- Dependable and capable of fostering trust.
- Accepts responsibility and is accountable for results.
- Ability to write concisely to express thoughts clearly and to develop ideas in logical sequence.
- Ability to exercise discretion in handling confidential information.
- Excellent organizational skills and the ability to prioritize key deliverables.

### **Special Knowledge and Skills**

- Familiarity of water quality sampling and analytical procedures
- Ability to carefully follow rigorous sampling procedures
- Knowledge of biological, chemical, and physical water quality indicators
- Ability to follow lab and field safety protocol, including chemical hygiene and safety
- Being familiar with off-road vehicles, including a UTV, 21' Boston Whaler, and a 16' Carolina Skiff
- Ability to work both independently and as part of a team
- Strong organizational skills

### **Environmental Factors**

Position requires frequent day trips throughout the Hudson River Estuary, occasionally working under adverse conditions in outdoor settings. The individual must be able to swim and lift up to 50 lbs. Evening and weekend work may be required in order to collect and process samples.

**Requirements**

- A valid driver's license and access to own transportation required.
- This is an in-person position, requiring the intern to report to the office or assigned work location for all scheduled hours. This position is not eligible for telework.
- Proof of COVID-19 Vaccination required.

**SALARY:** Paid hourly, rate dependent upon level of experience and qualifications

**BENEFITS:** Benefits are not provided, except for social security, workers compensation, unemployment insurance, and the elective deferral (employee contribution) portion of the 403(b)-retirement plan. NEIWPCC is committed to the professional development of our interns and employees.