

# Job Description:

## Watershed monitoring and restoration intern

### General Description of Geographical Area

The Winter River-Tracadie Bay Watershed is located on the north coast of Prince Edward Island, just east of the center of the province. It covers approximately 14,600 hectares and is the principal source of potable water for the City of Charlottetown.

### Accountability

The Intern is accountable to the Watershed Coordinator, who in turn reports to the Board of Directors of WRTBWA. When assigned to participate in field crew activities, the Intern will report to the Field Supervisor. When working on data collection projects, the intern will be supervising an assistant.

### General Duties

- Measuring water quality parameters such as nitrates and dissolved oxygen using hand held equipment, and collecting samples for laboratory testing of other parameters.
- Maintenance of water testing equipment and data entry of field notes.
- Monitor water flow rates using automated data loggers, direct measurements, and field observations.
- Assessments of various types (ex. stream survey to find the source of siltation or contaminants, culvert assessments for fish passage, tree survival or growth measurements, wetland function, etc.).
- Participation in stream enhancement activities such as building brush mats to remove silt from streams.
- Planting of native trees and shrubs in a variety of locations.
- Education and outreach events involving children of various ages, and adults.
- Data entry of field and laboratory results.
- Research issues of groundwater extraction for municipalities and agriculture.
- Compile a final report on all the activities undertaken as part of this project for use by the organization.
- Assist Watershed Coordinator with additional projects as needed.

### Qualifications

#### Essential Qualifications

- **MUST** meet the conditions of the Clean Tech Internship program:
  - Post-secondary graduates
  - No more than 30 years of age at the start of the internship
  - Canadian citizens, permanent residents or persons granted refugee status in Canada
  - Legally allowed to work according to the relevant provincial and Canadian legislation and regulations
  - Not receiving employment insurance during their internship
  - Available to work for at least six months
- Ability to handle physical tasks such as walking for extended periods in various outdoor habitats (fields, woods, streams, etc.) and in various weather conditions
- Ability to work on a team or independently
- Experience with Microsoft Word and Excel



## Asset Qualifications

- Experience with GPS data collection and analysis
- Knowledge or experience with surveying, hydrology, chemistry, environmental science, etc.
- Knowledge/Experience with watershed management
- Experience in field data collection and/or outdoor work
- Supervisory experience
- Knowledge of agricultural practices on PEI
- Current or former resident of the watershed area

## Work Term

26 weeks starting approximately August 12, 2019 or as soon as possible thereafter.

## Hours of work

30-40 hours per week, depending on intern availability and program funding – to be negotiated before start date.

There may be some variation from week to week depending on weather conditions and specific projects. Start times are generally 7am or 8am (with earlier start times during mid summer), and corresponding end times at 3:30 or 4:30. Work is generally completed Monday to Friday, but on rare occasions, weekend work may be required.

## Salary

\$16/hour

## Removal from position

The intern's employment may be terminated without cause during the six-month probation period, and may be terminated with cause in accordance with the provisions of the *Employment Standards Act*.

## Other

- Must provide own transportation, mileage will be paid for travel between work sites. Employee is responsible for mileage costs to reach the first place of work for the day.
- Provide own clothing and footwear appropriate for field work.
- Waders and personal protective equipment will be provided for use during field activities.

## To Apply

Please forward resume, references, and cover letter to Sarah Wheatley at [info@WinterTracadie.ca](mailto:info@WinterTracadie.ca) or 630 Suffolk Road, Dunstaffnage PE, C1C 0P6

Applications will be considered until August 4, or until a suitable candidate is found.

