

Job Description:

Agricultural Intern



WINTER RIVER - TRACADIE BAY
WATERSHED ASSOCIATION

Supporting The Watershed,
So It Can Support You

1) 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.

2) Accountability

The Intern reports to the Watershed Coordinator when working independently, and to the Field Supervisor when participating in enhancement activities with the field crew.

3) General Duties

a) Field Operations (60%)

- Map crops grown by field (to monitor compliance to Agricultural Crop Rotation Act within watershed and identify most common crops being grown)
- Mapping trouble spots (ex. buffer zone violations, gully erosion) using GPS and Google Earth Pro
- Collaborate with the Water Monitoring Intern to conduct water tests in streams near farms, well water on/near farms using hand held equipment or by submitting water samples to a laboratory for analysis. Focus on nitrates, dissolved oxygen, temperature, phosphate, bacteria, and suspended sediment levels.
- Soil testing in agricultural fields and adjacent areas
- Assess in-stream silt traps (depth of material) and explore new potential silt trap sites
- Identify areas where Alternative Land Use Services (ALUS) program activities could be implemented (ex. fencing cows from streams, expanded buffer zones, soil conservation structures)
- Improving wildlife habitat through tree planting
- Direct environmental enhancement such as constructing brush mats to capture silt from waterway

b) Administrative (25%)

- Manage data collection (water quality, soil nutrients, crops grown, GPS coordinates, etc.)
- Data analysis (look for patterns)
- Write technical reports (methodology, results, interpretation)
- Create survey for farmers: How we can we help you implement more best management practices?

c) Planning (10%)

- Liaise with community residents and landowners to acquire landowner permission for access to streams and adjoining land.
- Planning and research for future enhancement activities (short to long term)

d) Communications (5%)

- Work with landowners and residents to promote activities that will enhance water and soil quality, and water conservation.
- Communicate WRTBWA activities to watershed residents through social media.

4) Qualifications

a) Program Requirements

- be 30 years old or younger at the start of the project and unemployed or under-employed;
- have graduated from a university, college or CEGEP;
- not have participated in any other Youth Employment Strategy programs (that is, Career Focus);
- be a Canadian citizen or permanent resident.

b) Essential Qualifications

- Educational qualifications in agriculture, environmental science, or other relevant field.
- Experience working on a farm or within the farming community.
- Ability to handle physical tasks such walking for extended periods in various outdoor habitats (fields, woods, streams, etc.) and occasional heavy lifting
- Computer skills (Excel, Word, Adobe)

c) Asset Qualifications

- First Aid certification
- Nutrient Management Planning certificate
- Residence within the watershed

5) Salary

\$15/hour plus 4% vacation pay for a 28-week term.

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*.

6) Hours of work

40 hours per week, with some variation depending on weather conditions and specific projects. Start times are generally 7am or 8am (with earlier start times during hottest time of summer), and end times at 3:30 or 4:30. Work is generally completed Monday to Friday, but depending on specific projects, occasional weekend work may be required.

7) 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.

8) To Apply

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

Applications will be considered until June 22, 2017.