



## **Southeast Regional Service Commission**

### **Mosquito 360**

### **2025 Summer Student Job Opportunity**

### **Environmental Field Technician**

**(4 positions to filled)**

Mosquito 360 serves as the Mosquito Management division of the Southeast RSC and is looking to hire Environmental Field Technicians for the upcoming 2025 field season. Ideal candidates will have a background, or serious interest, in one or more of the following fields: ecology; biology; chemistry; or environmental science. Successful candidates will work to help monitor and manage seasonal mosquito populations in the southeast region of New Brunswick.

#### **About Mosquito 360**

Mosquito 360 exists to monitor and manage local mosquito populations, ultimately lessening the degree of public nuisance associated with their biting behaviours. Mosquito control is primarily achieved by targeting the larval stage of mosquitoes, being the most effective point in their lifecycle for intervention. Control is done via the strategic use of a biological larvicide, *Bacillus thuringiensis israelensis* (Bti), which is applied directly to viable aquatic breeding sites, ultimately disrupting the mosquito breeding cycle and preventing maturation into the adult mosquito stage. Mosquito 360 employs an IMM (integrated mosquito management) approach to mosquito control, providing a data-driven, effective, and safe solution to management objectives. Key components of the program include surveillance and monitoring, targeted larvicide applications, and community engagement.

#### **Tasks and Responsibilities**

The Environmental Field Technicians will generally spend their days working outside in small teams, with most days being spent within the region's wetlands, parks, trails, schools, and other public site classifications. While in the field, Technicians are responsible for the application of biological larvicide, the collection of both pre- and post-treatment assessments, as well as the collection of various environmental parameters, including water quality, weather conditions, and habitat characteristics.

As part of your role, you and your crewmate(s) will be required to walk, use bicycles, and use utility/all-terrain vehicles to navigate diverse terrains, including large wetland environments and other natural and urban areas. Handheld tools are typically used for most field operations, including both data collection and larvicide applications. In addition to these daily field duties, Technicians are also expected to perform end-of-day tasks, such as: cleaning, maintenance, larvicide inventory, and uploading field data.

#### **Qualifications and Skills**

- Class 5 driver's license is required. Experience driving off-road vehicles is considered an asset. Experience towing a trailer is considered an asset.
- Recent graduation from or current enrollment at a recognized post-secondary institution is considered an asset. Relevant fields of study include, but are not limited to:
  - STEM (Science, Technology, Engineering, Mathematics)
    - Environmental Sciences / Environmental Studies
    - Biological Sciences or Bio-Resource Management

- Students in other disciplines who may have an interest in the environment or working outdoors are also invited to apply.
- Successful candidates must pass a Pesticide Applicator Test under the NB Dept. of Env. and Local Government before starting work. Registration fees for the test will be covered by the Southeast RSC.
- Successful candidates may be required to pass a Radio Operator's exam (ROC-A), administered by a Transport Canada accredited examiner. Requirement of this certification is at the discretion of the program management. If applicable, registration fees for this exam will be covered by the Southeast RSC.
- Proficiency and/or familiarity with Drones is considered an asset.
- Proficiency in Microsoft Office suite (Outlook, Word, Excel) and familiarity with iPads for data collection and form submission is considered an asset.
- Proficiency in written and spoken English is required. Bilingual French is considered an asset.

### **Abilities**

- Conduct themselves professionally and have a high regard for the safety of yourself and others.
- Be reliable when working independently, and/or with minimal supervision.
- Be a team player with strong interpersonal and collaborative skills that thrives in close-knit, team-orientated environments.
- Prepared and willing to navigate challenging terrain, often covering large distances on foot, including areas with significant mud, water, dense vegetation, and exposure to insects.
- Capable of balancing time management while maintaining a strong attention to detail.
- Must be able to meet work objectives on a schedule.
- Be intuitive, a fast learner, and able to quickly problem solve and adapt to changes in circumstance and/or environment.
- Ready and willing to take initiative.

**Start Date:** April 28th, 2025

**End Date:** September 1st, 2025

**Hourly Wage:** \$19.00 – \$23.00 (based on work experience and education)

**Work Schedule:** 40 hr./week, Monday – Friday, 8am – 4:30pm

**Work Location:** 225 Commerce St., Moncton, NB

**Application Deadline:** March 14th, 2025

Candidates are invited to submit their resume and cover letter by email to [humanresources@nbse.ca](mailto:humanresources@nbse.ca) .

**Candidates need to be legally entitled to work in Canada.**

*SERSC wishes to thank all applicants for their interest. However, only those selected for an interview will be contacted.*