

Nova Scotia Youth Corps Leadership Intern

Position Title:	Mine Water Remediation and Management Research Assistant
Location:	Sydney, Nova Scotia
Position Status:	Temporary, 15 weeks [May 15, 2017 – August 25, 2017]
Hours:	Full-time [35 hours per week]
Wage:	<u>Minimum</u> \$13.25 per hour

Clean makes homes more [energy efficient](#), [restores streams & watersheds](#), [engages youth](#) on the environment, promotes [green transportation](#), mitigates the effects of [stormwater](#), helps communities reduce [waste](#), and contributes to public policy discussions.

That's [what](#) we do. [Why](#) we do it is to help create a more sustainable society in Atlantic Canada. We work for a clean climate & clean water, and, to help us get there, we foster, educate and support clean leaders in our communities.

Clean is a non-profit, non-governmental environment organization created in 1988 through an [Act of the Legislature](#) in Nova Scotia. However, we receive no core government funding. We run the charity through money raised for our many programs and projects, which can come from agencies, businesses, government departments, foundations and individual citizens.

You may know us as Clean Nova Scotia, but we work on projects in other parts of Atlantic Canada, throughout the traditional lands of the Mi'kmaq and Wolastoqiyik. That's why we say we're just *Clean*.

We are currently seeking a hardworking, dynamic and motivated individual to add to our Nova Scotia Youth Corps (Youth Corps) leadership team for summer 2017, who has a strong passion for people and the environment. Our approach is always collaborative and team oriented.

Program Overview:



Youth Corps

In Nova Scotia, more than half of our young people leave the province after graduation. But what if they were given the skills and opportunities to join a vibrant green economy here at home?

The Youth Corps wants to inspire, develop and nurture an interest in jobs that support a future-looking economy and a sustainable environment. By tapping into a student's journey mid-way through school, our training and internship program offers new green options in career path decisions – while giving young minds the tools they need for future success.

The Youth Corps builds connections between youth and local organizations to stimulate stewardship for the natural environment and support the emergence of young community leaders. This is accomplished by providing students with training and employment opportunities through paid work placements with community-based organizations. Our goal at Clean is to help build that foundation on which students can build their careers, and grow into the thoughtful, creative policy-makers and CEOs of tomorrow.

Leadership interns will gain meaningful experience in:

- Project and event planning and coordination;
- Mentorship and supervision of staff and/or volunteers;
- Training and facilitation skills;
- Public outreach and communication;
- Networking and cross-cultural learning;
- Environmental issues, adaptations and best practices.

Position Overview:

The community partner for this Summer Student Intern position through the Youth Corps will be Verschuren Centre for Sustainability in Energy and the Environment at Cape Breton University, reporting to The Industrial Research Chair in Mine Water Management. In this position, you will be mainly responsible for, intra alia on-going research on extraction of iron oxide from mine water treatment for development of fertiliser additives. The successful candidate needs to have skills to plan and run plant growth experiment, chemical analytical skill (with knowledge of ICP-MS and GC-MS not a must but an added advantage), and knowledge of chemical extraction, as well as ability to compile and analyse data from the studies.

About the Community Partner:

The Verschuren Centre for Sustainability in Energy and the Environment at Cape Breton University is a research centre dedicated to develop and deliver sustainable technology solutions in energy, resources and environmental management to businesses, governments and communities. Its mission involves bridging engineering and scientific research into environmental, industrial and socioeconomic policy contexts that promote the adoption and effective application of innovation for large-scale positive impact. It is located at Cape Breton University in Sydney on Cape Breton Island, Nova Scotia.

Duties and Responsibilities:

- Oversee sludge sampling and sample collection program;
- Sludge and mine water sample preparation and characterisation;
- Planning and running plant growth tests with different iron-extracted from mine water treatment sludge;
- Data compilation and analysis as well as computations.

Requirements/Qualifications:

- One [1] year of university or college in a related field;
- Must be a Canadian citizen or legally entitled to work in Canada;
- Must be between the ages of 18 and 30;
- Must be a full-time student and intending to return to school in fall 2017;
- Must have reliable transportation and the ability to travel;
- Must possess excellent, written and oral communication skills;
- Is not a member of immediate family of community partner;
- Have an aptitude for safe work practices and the ability to multi-task in a busy work environment;

- Be able to work productively as part of a team while responding to feedback;
- Demonstrates interest in future employment in the environmental or 'green' sector is considered an asset.

To apply, fill out the online application [here](#). After you click the 'submit' button, you will be directed to a page where you can upload your cover letter(s), resume, and letter of reference. You can also access that page directly by [clicking here](#) – note that your reference can also submit their letter on your behalf directly through that page. Your application will not be considered until we have received all of your application materials.

The deadline to apply is midnight, April 2nd, 2017. We appreciate all interest; however, only those selected for an interview will be contacted.

Clean is committed to Employment Equity and our goal is to be a diverse workforce that is representative at all job levels. We welcome applicants from Aboriginal People, Visible Minority Groups, Persons with Disabilities and Women in occupations of positions where they are under-represented. If you are a member of one of the equity groups, you are encouraged to self-identify on either your cover letter or resume.