



## Municipal Infrastructure ENGINEER

**Location: Collingwood, Canada**

**Description: Two (2) Full-time Positions**

**Closing Date: Friday September 29, 2017**

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### **Background**

Greenland International Consulting Ltd. (Greenland) is a Canadian, award winning enterprise that works in the environmental, clean energy and low impact development sectors and specifically projects with an integrated watershed management and infrastructure planning/design; information technology; and, public-private partnership focus. Greenland is a member of the GREENLAND® Group of Companies ([www.grnland.com](http://www.grnland.com)) which includes other professional engineering and 'Smart Product' affiliates. Through the dedication of multi-disciplinary teams, Greenland provides full-service engineering, urban design planning and landscape architecture. The company's business model and corporate brand are unique because of commitments to innovation; attention to detail; and, the personality of a "*Canadian enterprise with a global impact*". Greenland's client base includes all levels of government; Indigenous Peoples; utility and resource sector industries; railways; and, land developers.

In 2012, Greenland expanded its consulting services and proprietary tools with partners in the United States, South America, Pacific Rim and Europe. Canadian offices are located in Collingwood, Greater Toronto Area and Region of Waterloo. The company also has Alberta-based business partners. The Board of Directors includes key employees, First Nation and (former) Public Sector professionals.

Greenland became a member of the Communitech Hub in 2013 and currently operates a satellite office from this Internet-of-Things (IoT) Centre of Excellence. Communitech is the organization that provides services to the Waterloo Region's technology sector and has been referred to as "Canada's Silicon Valley". Greenland strongly believes that developing 'Smart' decision support systems with a watershed sustainability and cumulative effects focus; using them for strategically growing its niche consulting services; and, being retained by clients on a long-term basis to maintain, run and train staff with these new systems, Greenland will continue to contribute to Canada's economy.

Greenland has undertaken many integrated watershed planning and Class Environmental Assessments (EA) infrastructure projects. First and foremost, Greenland is a municipal infrastructure design and construction management firm with integrated environmental engineering and software development expertise. However, Greenland's business units rely on spatial analysis, data processing and visualization tools, and open data using in-house software. Greenland also offers second-to-none capabilities in developing the "next evolution" of Decision Support Systems (DSS) in partnership with universities. Partners include the University of Guelph, University of Waterloo, Lund University (Sweden) and Penn State University (U.S.). Our industry recognized tools have included the first Environment Canada watershed systems database packages; Visual OTTHYMO© (a Canadian stormwater management model); and, proprietary Internet-GIS modeling platforms, such as **CANWET™**, **THREATS™** and **ISWMS™**.

Company growth and new technology targets have also been achieved involving private and public sectors, as well as trusted / respectful partnerships with Canada's Indigenous Peoples.



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### **Description of Full-Time Position**

Greenland is seeking two (2) Licensed Professional Engineers with detailed design and project management experience to join the Municipal Infrastructure Team that operates from the head office in the Town of Collingwood, Ontario.

### **Qualifications:**

Candidates must meet the following minimum requirements:

- B.Sc. or Diploma in Civil or Water Resource Engineering from a recognized post-secondary institution;
- Licensed with Professional Engineers Ontario;
- Minimum six (6) years of post-graduation, relevant experience in the Canadian consulting environment;
- Experience with municipal infrastructure, subdivision and site plan designs using Civil 3D software;
- Experience with cost estimating, specification preparation, and contract administration projects in Ontario;
- Experience with the design and construction of municipal infrastructure (roads, water distribution, sanitary sewer conveyance and storm drainage) and rehabilitation projects in Ontario;
- Experience or understanding of industry standard hydrologic, water distribution and sanitary system analysis;
- Managed or prepared Storm Water Management (SWM) Reports in support of Secondary Plan, Draft Plan and Site Plan applications;
- Managed or prepared SWM reports in support of Detail Design submissions;
- Sound knowledge of Ontario's review agency requirements (Federal, Provincial, Municipal, and Conservation Authority), including the Environmental Assessment process; and,
- Familiar with the urban land planning process in Ontario.

### **Responsibilities:**

Responsibilities include but are not limited to:

- Project Management;
- Client Development and Management;
- Business Development and Revenue Generation;
- Proposal Preparation;
- Infrastructure Planning and Design of: Water Distribution Systems, Sanitary and Storm Sewer Collection Systems and Site Grading and Roadway Design; and,
- Tendering.



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### **Skills:**

To be successful in this role, the candidate must possess the following skillset:

- Organized individual capable of producing results and meeting timelines;
- Demonstrated written and verbal communication skills;
- Strong budgeting skills with high regard for cost control;
- Refined analytical and problem solving skills;
- Ability to manage and technically support projects; and,
- Ability to develop and manage clients.
- Ability to establish effective working relationships with colleagues and clients;
- Ability to effectively multi-task and work in a fast paced, high change environment; and,
- Good initiative and attention to detail.

We offer an exceptional professional working environment and culture as well as a competitive salary package.

Please email your resume in confidence to [greenland.resumes@grnland.com](mailto:greenland.resumes@grnland.com) and to the attention of R. Mark Palmer, P. Eng., President / CEO. While we thank all applicants, only those contacted for an interview will be acknowledged.

The Greenland Group is committed to an inclusive, barrier-free selection process. If contacted regarding this competition, please advise the interview coordinator of accommodation measures you may require during our selection process. Information received relating to accommodation needs of applicants will be addressed confidentially. The Greenland Group supports diversity, equity and a workplace free from harassment and discrimination. Personal information contained in applications will be used for recruitment purposes and collected as per Freedom of Information (F.O.I.) And Protection of Privacy Act, 1987.