



## **Internal/External Job Posting**

### **Regular Full Time Non-Union Position**

### **Water Resources Engineer**

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#### **General Accountabilities**

Reporting to the Senior Engineer – Resource Planning, the Water Resources Engineer assists with the technical review of planning and permit applications under Ontario Regulation 150/60, and related review of technical reports. This position provides input to Environmental Assessments, gravel pit applications and municipal drainage projects. This position may represent GRCA on municipally-led master servicing plans, environmental assessments and subwatershed studies. Design advice related to erosion control, small stream crossings, stream bank stability, steep slope and shoreline stabilization is provided by this position. Technical support for Rural Water Quality and other GRCA program areas is provided by this position. This position also assists with maintaining the GRCA hydraulic model.

#### **Specific Accountabilities**

1. Provide technical review of applications and studies such as: planning and permit submissions, watershed plans, official plans, environmental assessments, and violations.
2. Assist with conducting hydraulic and hydrologic studies relating to flood hazard mapping, water management projects, permit and planning applications, and general inquiries.
3. Assist with the development, maintenance, and dissemination of hydrological and floodplain information.
4. Assist with the maintenance of corporate GIS layers for flood, shoreline, and steep slope hazard mapping used for Regulation and, in the case of floods, emergency management and response.
5. Administer small engineering projects.
6. Represent the GRCA in meetings, committees, workshops and conferences.
7. Assist with the reservoir management and flood control operations, including flood forecasting as well as emergency and day-to-day operations.
8. Investigate and design water control, erosion control, and slope stability structures.
9. Assist with documenting the extent of observed flooding.
10. Act as a water management Duty Officer.
11. Attend meetings, tribunals, and hearings to fulfill the obligations of the GRCA and act as an expert witness as required.
12. Other Duties as Assigned

#### **Technical Accountabilities**

1. Bachelor's degree in Engineering with a focus on water resources.
2. Eligible for membership with the Professional Engineers of Ontario.
3. At least three years of experience in a Water Resources Engineering field.
4. Knowledge and experience in hydrology, stormwater management, open channel hydraulics, principles of geotechnical engineering (e.g., erosion hazards/steep slopes) and natural channel design principles.
5. Ability to carry out review of storm water management and sediment control techniques.

6. Proven oral and written communication skills with the ability to communicate with a broad range of stakeholders.
7. Working knowledge of relevant legislation and standards including, but not limited to Conservation Authorities Act, Occupational Health and Safety Act, Provincial Natural Hazard Guidelines, Lakes and Rivers Improvement Act, Conservation Authority technical guidelines, and municipal review processes related to applications made under the Planning Act.
8. Working knowledge of computer systems and engineering related software. Experience with HEC-RAS software is required.
9. A functional knowledge of GPS survey technology and GIS applications.
10. Computer proficiency in Word, Excel and PowerPoint is required knowledge is and experience with AutoCAD is an asset.
11. Valid driver's license.

### **Technical Competencies and Abilities:**

#### **Professional Judgement**

Demonstrated ability in the area of critical thinking, analysis and assessment of implications and various perspectives, making connections of underlying issues and the ownership of the outcome. Sound judgment based on experience and expertise resulting in fair, efficient and effective decision making, bringing clarity and resolution to complex and ambiguous situations. Ability to carry out skillful negotiations and interest based conflict resolution. Appropriately balances the interests of both internal and external stakeholders.

#### **Integrity/Ethics**

The willingness to hold oneself and others accountable for acting in ways that are consistent with stated values, principles and professional standards. Maintaining impartiality, objectivity, confidentiality and fairness when dealing with co-workers, professional colleagues and stakeholders, and the general public.

#### **Goal/Action Oriented**

Does not shy away from challenges and seldom gives up, especially in the face of resistance, setbacks or change. Seizes opportunities; takes initiative and is self-motivated. Organizes work, plans activities and sets priorities in a manner that meets competing needs and timely resolution of matters. Maintains high level of productivity and self-direction working independently or in collaboration. Demonstrated ability to work under pressure and manage multiple tasks simultaneously with changing priorities.

#### **Team Work**

Interacts with people respectfully and effectively. Able and willing to share and receive information. The ability to gather facts and pertinent information to gain an understanding of the problem at hand and the perspective of others before drawing conclusions, taking action or resolving conflict. It involves active listening and comprehension of verbal and non-verbal signals to enhance understanding. Demonstrated ability build collaborative partnerships.

#### **Customer Focus**

Dedicated to meeting the expectations and requirements of internal and external customers. Exceptional communication and negotiation skills to create, maintain and enhance relations with municipal partners, stakeholders, etc.

**To Apply:** Please send a resume and covering letter to [careers@grandriver.ca](mailto:careers@grandriver.ca) in MS Word or PDF format and quote "Water Resources Engineer" in the subject line.

Deadline for Applications: 4:00 pm May 25, 2023

**Approximate Start Date: June 2023**

The salary range for this position is Job Level H \$72,475 to \$88,177 /35 hours per week

The GRCA strives to provide a collaborative and respectful work environment. We value the health and well-being of our employees and prioritizes Health and Safety in our workplace. We offer a comprehensive benefits package including health, dental, vision care, life and disability insurance; Participation in the OMERS defined benefit pension plan, with generous employer-matching and a pass for free entry into GRCA conservation areas. We currently provide an option to work a flexible schedule and/or hybrid to balance the demands of both work and home.

We thank you for your interest, however only candidates under consideration will be contacted.

GRCA is an equal opportunity employer. We are committed to inclusive, barrier-free recruitment and selection processes and work environments. If you require any accessibility accommodations at any point during the application and hiring process, please contact us. Any information received relating to accommodation will be addressed confidentially.

Pursuant to section 29(2) of the Municipal Freedom of Information and Protection of Individual Privacy Act R.S.O. 1990, C. M.56 the personal information contained on this form is collected under the legal authority of the Conservation Authorities Act, R.S.O. 1990, chapter C.27 and is used for recruitment purposes. Questions about the collection of personal information should be directed to the Manager of Human Resources, Grand River Conservation Authority, PO Box 729, 400 Clyde Road, Cambridge, Ontario N1R 5W6; 519-621-2761.