

## Water and Wastewater Engineer

<b>Division:</b>	Project Planning and Delivery
<b>Location:</b>	2085 Hurontario, Suite 500, Mississauga, ON
<b>Job Term:</b>	1 Permanent
<b>Job Code:</b>	PE0211 Barg-Eng 02 Environment
<b>Salary:</b>	\$79,972 - \$108,898
<b>Posting Status:</b>	Open
<b>File No:</b>	OCWA-230-23-ENG
<b>Job ID:</b>	207394

The Ontario Clean Water Agency (OCWA) believes in Our Communities, Our Environment and Our People. As a trusted partner to municipalities, First Nations communities, businesses, governments and institutions across Ontario, we provide our clients with total solutions in water and wastewater. We are dedicated to working closely with our clients to help them build healthy sustainable communities and organizations and provide safe and reliable drinking water to thousands of Ontarians each day.

### Join our team as a Water and Wastewater Engineer with OCWA

#### In this role you will:

- Lead projects related to the troubleshooting, development, design, construction and commissioning of municipal water and wastewater systems, under the general direction of a senior manager/engineer.
- Provide technical guidance and engineering services to the Ontario Clean Water Agency (OCWA) and its clients on technical, project management and regulatory issues related to water, wastewater and biosolids treatment and technology.
- Develop engineering business opportunities and foster client relationships in support of the OCWA business goals, under the direction of a senior manager/engineer.
- Coordinate and monitor the progress of contract(s), prepares status reports and ensures construction projects are completed according to the agreements and standard engineering practices.
- Develop and prepare technical/engineering reports such as capital plans, financial plans, engineering evaluation reports, memoranda, feasibility studies, funding applications with rationales, project budget estimates and construction estimates, approvals/permits applications, water/sewer studies, construction site reports including required proposals, study reports and user manuals and guidelines, etc.
- Assess work completed by contractors and consulting engineers, identify errors and omissions, suggest corrections or modifications in areas of designs and non-compliance with Ministry standards and specifications.

#### What's in it for you?

- Flexible learning and development opportunities.
- Opportunities for career advancement and specialization with the largest provider of water and wastewater services in Ontario.

- Work with the partner of choice for more communities than any other water and wastewater service organization in Ontario for over 25 years.
- Work with an organization committed to innovation and advanced technology.
- A defined benefit pension plan; Comprehensive Health Plan; Life and Disability Insurance.
- Maternity and parental leave top-up benefits including for adoptive parents.
- Hybrid work environment including opportunities to work at corporate office, plant locations across the province and home office.

### **What we are looking for:**

#### **Mandatory**

- Licensed Professional Engineer (P.Eng) by Professional Engineers of Ontario (PEO). (Candidates with EIT designation or those pursuing licencing will not be considered for this position.)
- Valid Ontario Class “G” driver's license and the ability to travel to sites across Ontario including overnight trips.
- Knowledge of principles, theories and practices of chemical, civil or environmental engineering disciplines relating to water and/or wastewater related fields.

#### **Knowledge**

- Principles and practices of engineering design and construction of water and wastewater systems and related municipal, environment and Occupational Health and Safety and construction legislation to ensure project compliance with regulations, agreements and standard engineering practices.
- Process engineering knowledge of water supply and treatment, wastewater collection and treatment and bio-solids treatment and disposal to support feasibility studies, design and construction of municipal projects.
- Leadership and project management methodologies to ensure successful completion of projects including monitoring of project status to manage clients’ needs, project scope, budget and resources.
- Contract management and administration, risk management, project scheduling and procurement experience for the delivery of construction projects.
- Financial concepts to maintain fiscal control of projects, as well as, preparation of financial plans, capital plans, rate studies, funding applications.
- Proposal development including development of scope and fee estimates and provision of technical content to support engineering proposals for clients.

#### **Experience, Skills and Abilities**

- Strong critical thinking and problem-solving skills to identify problems and develop solutions and options.
- Experience to successfully lead assigned projects and activities, which may include leading a team of engineers, consultants and contractors for smaller projects. Ability to provide technical direction and guidance on a day to day basis, mentor and guide junior staff on projects.

- Strong project management skills to lead, plan and organize assigned projects of varying degrees of complexity, including planning, coordinating, and controlling project objectives, scope, schedules, and budgets.
- Proficient in software applications such as word processing, PowerPoint, spreadsheets and database packages to monitor work progress, review and evaluate data, conduct analysis and develop correspondences, presentations and reports with recommendations and options.
- Strong analytical skills to analyze and evaluate the financial aspects of projects.
- Strong interpersonal skills to develop and maintain a strong liaison with clients' decision-makers and stakeholders.
- Proficient written and oral communication skills to prepare and present engineering reports and provide advice and consultation to clients on matters related to water and wastewater engineering and construction, including legislative and financial advice.
- Experience and ability to prepare bid documentation and resolve conflicts between contracted parties.
- Strong time management and prioritization skills to execute multiple projects and concurrent tasks.
- Ability to work independently and collaborate with project teams, plan activities and resources and assign work to project team.
- Ability to climb, reach, twist/bend during site visits to facilities, when conducting facility assessments and investigations.

### **The OCWA/OPS commitment to diversity, inclusion, accessibility, and anti- racism:**

We are committed to build a workforce that reflects the communities we serve and to promote a diverse, anti-racist, inclusive, accessible, merit-based, respectful and equitable workplace.

We invite all interested individuals to apply and encourage applications from people with disabilities, Indigenous, Black, and racialized individuals, as well as people from a diversity of ethnic and cultural origins, sexual orientations, gender identities and expressions.

Visit the [OPS Anti-Racism Policy](#) and the [OPS Diversity and Inclusion Blueprint](#) pages to learn more about the OPS commitment to advance racial equity, accessibility, diversity, and inclusion in the public service.

We offer employment accommodation across the recruitment process and all aspects of employment consistent with the requirements of Ontario's [Human Rights Code](#). Refer to the application instructions below if you require a disability-related accommodation.

#### **How to Apply**

1. You must apply by e-mail and the job competition quoted in the subject line.
2. You must show how you meet what we are looking for clearly, completely and concisely; we rely on the information you provide to us.
3. OPS employees are required to quote their WIN EMPLOYEE ID number when applying.

**Send resume with covering letter (PDF format preferred) saved as JOB ID – First Last Name to:**

**Ontario Clean Water Agency**  
**Hiring Manager: Lisa Babel**  
**Attention: Nina Skwara**  
**Email: nskwara@ocwa.com**

**Posting Date: October 30, 2023**  
**Closing Date: November 20, 2023**

**Ontario Clean Water Agency is an inclusive employer.**  
**We will accommodate your needs under the Ontario Human Rights Code**

*The Ontario Clean Water Agency is an agency of the Province of Ontario, reporting to the Ministry of the Environment, Conservation and Parks. As the largest provider of water and wastewater services in Canada, we manage over 800 facilities from small well systems and lagoons to large water and wastewater treatment plants. Consider this opportunity if you are a motivated, team oriented individual seeking a career in the water and wastewater industry.*

Note: Thank you for your interest, we will contact you only if we select you for further screening or an interview.

