

Water Resources Engineer

For over 60 years WalterFedy has offered fully-integrated and innovative architecture, engineering and construction management services. Previously known as The Walter Fedy Partnership, WalterFedy is located in the Waterloo Region, a thriving economic climate home to three renowned post-secondary institutions, as well as numerous internationally recognized cultural institutions and technology companies.

We offer challenging and rewarding careers, and are committed to integrity and business ethics, with safety as a top priority. We promote a healthy balance between our employees' professional and personal lives, taking time to appreciate our work and celebrate our achievements. To learn more about our company visit our website at: www.walterfedy.com

As a member of the Water Resources team, in the role of **Water Resources Engineer**, you will be responsible for business development, preparation of project work plans, and co-ordination of design components (with an emphasis on the water resources requirements) with other disciplines. This role requires a disciplined work ethic and the ability to solve problems independently.

Major Responsibilities:

- Complete design functions on assigned projects including preliminary and detailed grading, servicing and storm water management design
- Prepare hydrologic and hydraulic analyses using software such as HEC-RAS, HEC-HMS, MIDUSS, EPA SWMM, VISUAL OTTHYMO, and PCSWMM
- Provide CAD assistance for development of hydrologic and hydraulic analyses and design drawings
- Provide assistance to develop and implement environmental monitoring programs
- Provide site inspection for site development projects
- Complete specification research and report writing
- Assist with production of drawings
- Co-ordinate civil work with other design disciplines involved in each project
- Prepare scopes of work, proposals, and fee estimates
- Maintain contact with customers, approval agencies, sub-consultants etc.

Qualifications Required:

- Civil or Environmental Engineering Degree with an emphasis on water resources with 5 years of direct experience in water resources preferred
- Knowledge of hydrologic and hydraulic processes and software such as EPA SWMM, PC SWMM, MIDUSS, VISUAL OTTHYMO, HEC-HMS and HEC-RAS
- Exposure to geomorphologic concepts and design
- Working knowledge of AutoCAD and Civil 3D
- Previous experience working in a consulting engineering environment
- Self-motivated/team player
- Excellent verbal and written communication skills for interaction and correspondence with customers, design team, and approval agencies
- Understanding of municipal standards and construction terms and methodology
- Eager to learn and take on new challenges, with a strong work ethic and desire to succeed
- Eligible for registration with the PEO or OACETT

Standard hours are Monday to Friday, 8:00am - 4:00pm; travel to and from meetings as required. Time on site may be required.

Email your resume and cover letter to hr@walterfedy.com. Visit our website for other career opportunities: www.walterfedy.com.

Please note that only candidates selected for interview will be contacted.