

Water Resources Engineer

LOCATION: 100 Thames Street, Chatham, ON, N7L 2Y8 (Successful applicant may have the option work remotely on a temporary basis, depending on the active COVID-19 policies of the LTVCA)

DEPARTMENT: Watershed and Information Services

REPORTING TO: Manager, Watershed and Information Services

DATE POSTED: 2020-09-16

CLOSING DATE: 2020-10-07

APPROXIMATE START DATE: 2020-11-04

POSITION TYPE: Full Time

PURPOSE OF POSITION:

This Full Time position will provide an exciting opportunity for a high-energy team player with excellent communications and technical skills. The successful applicant will support the Lower Thames Valley Conservation Authority's (LTVCA) Watershed and Information Services department with the provision of water resources engineering support. The primary objective of the Water Resources Engineer is to be responsible for engineering aspects of special projects and engineering input into the planning and regulations programs of the authority. The first major special project will involve working with the Chippewas of the Thames First Nations to complete a flood plain delineation and flood risk management plan.

SPECIFIC RESPONSIBILITIES:

- Provide engineering review services to the Authority's Planning and Regulations departments including technical review of:
 - Stormwater management plans/reports
 - Erosion and siltation control plans, and
 - Flood control plans/reports.
- Provide assistance to special projects including:
 - Tender writing, letting, awarding and management
 - Contract development and management
 - Proposal writing and development
 - Legal issues management
 - Reporting to board and municipalities
 - Project administration, management and reporting
- Undertake hydrologic, hydraulic, civil engineering and fluvial geomorphologic computations



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- Attend Municipal Board and Court on behalf of the Authority and provide expert testimony on hydrologic, hydraulic, civil engineering and fluvial geomorphologic issues.
- Carry out flood plain mapping studies including modelling and reporting.
- Assist in development and adhere to budget items relating to program areas of responsibility
- Assist in collection of field data in support of Authority's programs
- Attend provincial technical committees on Authority's behalf.
- Attend municipal council meetings on Authority's behalf.
- Remain current in GIS technology and provide assistance in this program.
- Assist with major initiatives development through technical review and input.
- Carryout other duties as assigned by the Watershed and Information Services Manager.

QUALIFICATIONS:

- A degree in good standing from a recognised university in water resources engineering or a related engineering discipline.
- Five years related experience in relevant industry work.
- Extensive experience in hydrology and hydraulic modelling.
- Extensive knowledge of municipal planning, current water/environmental management principals, and technologies including relevant federal and provincial legislation.
- Must be a member of the Association of Professional Engineers of Ontario and be eligible to obtain a C of A for provision of engineering services from the association.
- Experience in project management and administration
- Ability to work effectively with the public.
- Excellent computer skills – i.e. Autocadd, ArcInfo, spreadsheets, hydrologic and hydraulic models (e.g. HEC-RAS, VO, PCSWMM) word processing, spreadsheets and data bases.
- Experience being qualified in front of OMB, court, Mining and Lands tribunals and other relative tribunals an asset.
- Ability to compose correspondence, reports, presentations, and media releases using clear and concise language.
- Excellent verbal, written communication and interpersonal skills.
- Reliable and capable of working well independently, while effectively communicating with project team members.
- Effective at managing multiple projects, prioritizing tasks, and delivering results on schedule.
- G Class Drivers License (Mandatory).

COMPENSATION & HOURS:

Wage: \$34.29/hour (Wage pending qualifications and experience) (benefits subject to 3-month evaluation)

Weekly Hours: 35 Hours

Vacation Time: 2 weeks



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Please send a resume and cover letter by **Oct 07, 2020** noting this position to:

Lower Thames Valley Conservation Authority
100 Thames Street
Chatham, ON, N7L 2Y8
Fax: 519-352-3435
Email: Jason.Wintermute@ltvca.ca

We thank all applicants for their interest. However, only those selected for an interview will be contacted.

LTVCA is an equal opportunity employer in accordance with the Accessibility for Ontarians with Disabilities Act, 2005 and the Ontario Human Rights Code. LTVCA is committed to providing accommodations throughout the recruitment, selection and/or assessment process to applicants with disabilities. If you require disability related accommodations, please notify us and we will work with you to meet your needs. Personal information provided is collected under the authority of the Municipal Freedom of Information and Protection of Privacy Act.