

NOTICE OF COMPETITION



GIS Water Resources Project Specialist

The Upper Thames River Conservation Authority is currently accepting resumes for a 24 month long-term contract for a GIS Water Resources Project Specialist. This position will be responsible for undertaking GIS projects in support of hydraulic/hydrologic models flood risk mapping, hazard mapping, water control structure safety evaluation, and other applications within the Authority, to protect life and property from flood and erosion hazards, promote integrated resource management, and contribute to a healthy watershed ecosystem. Examples of duties:

- Create and manage GIS data layers in support of flood risk modeling and mapping
- Assist with the management of GIS data to support the goals and objectives of the units projects and programs
- Following and documentation of procedures as it pertains to GIS data (research, methodologies, metadata etc.)
- Production of cartographic map products and reports to communicate results of current strategic efforts
- GIS process modelling/scripting/automation to achieve efficiencies where applicable
- Operation of survey and/or GPS hardware and software to assist with field surveys and data collection (streams, slopes, structures etc.)

The GIS Water Resources Project Specialist is also responsible for assisting with undertaking a variety of projects as needed related to climate change, the Authority's Flood Forecasting and Warning System, maintenance of the Authority's Water and Erosion Control Structures, the Authority's Low Water Program, and to provide support to other functions within the Water & Information Management Unit and the Authority.

Qualifications:

- A bachelors degree from a recognized university in GIS, engineering, geography, science, or another related degree is required, with significant background in GIS and related computer system applications;
- Familiarity with hydraulic/hydrologic models (eg.ArchHYDRO, HEC-GEORAS, HEC-GEOHMS and PC-SWMM) would be considered an asset;
- Some experience in resource management, environmental assessment, municipal planning and civil engineering would be preferred;
- A thorough knowledge of computers and computer software packages;
- Excellent communication skills involving staff and other stakeholders;
- Valid Ontario Drivers Licence is required;
- A reasonable level of physical fitness

Wage/Benefits:

\$28.74/hr – \$34.97/hr

Full time hours – 35 hours per week

3 weeks vacation

OMERS Pension Plan and Comprehensive Group Insurance Plan

Start Date: as soon as possible

Closing Date: November 20, 2017 noon

Please submit cover letter and resume to: jobs@thamesriver.on.ca

If you do not have access to email, please submit cover letter and resume to:

Sharon Viglianti, HR Administrator

Upper Thames River Conservation Authority

1424 Clarke Road, London, ON N5V 5B9

*Applicants will be contacted ONLY if an interview is required.

Accommodation will be provided in all parts of the hiring process as required under the Accessibility for Ontarians with Disabilities Act (AODA), Integrated Accessibility Standards Regulation. Applicants need to make their needs known in advance.