



**The Long Point Region Conservation Authority
is currently recruiting for:**

WATER RESOURCE ANALYST

Posting Date: Jan 22, 2025

Closing Date: 11:59 p.m. February 12, 2025

Job Status: Full-Time

Department: Engineering Services

Rate of Pay: \$36.46 - \$44.77/hr

Hours of Work: 35 Hours/Week

Posting No.: 081-24

Position Summary:

Reporting to the Manager of Engineering Services and Infrastructure the Water Resources Analyst implements the Conservation Authority's flood forecasting and warning, dam operations and maintenance, dam safety, flood and erosion hazard mapping, and supports GIS.

The ideal candidate is hard-working, highly organized and knowledgeable about water/environmental management principles and technologies. Strong networking, communications, and leadership skills are also required. The Water Resource Analyst must be resourceful, pay close attention to detail, and possess an exceptional ability to work well independently and with a team.

Qualifications:

- Graduation from an accredited University/College with a degree/diploma specializing Water Resources, Civil or, Environmental Engineering.
- Eligible for registration in PEO or Certified Engineering Technician.
- Minimum 2 years of related work experience (Conservation Authority or Municipal environment preferred).
- Experience and knowledge of hydrology, computer modeling, surveying, and construction practices and processes.
- Proficient in hydrologic and hydraulic computer models (HEC-HMS and HEC-RAS).
- Proficient in geographic information systems and software (ArcGIS and QGIS).
- Working knowledge of geotechnical and fluvial/coastal geomorphology disciplines is an asset.
- Knowledge and experience with Water Information Systems by Kisters (WISKI) and Simultaneous Data Acquisition (SODA) is an asset.
- Knowledge of current water/environmental management principles, technologies, legislation, and municipal/provincial planning policies and processes.
- Ability to work unsupervised and display initiative and a high level of self-motivation.
- Demonstrated communication (written & oral), interpersonal, organizational and problem-solving skills.
- A negative Criminal Records and Judicial Matters check (CRJMC) is required.
- Valid driver's license and personal vehicle.

Responsibilities:

- Administer, develop and maintain the Authority's Flood Forecasting and Warning System.
- Undertake day-to-day dam and erosion control structure operation and maintenance as well as routine dam inspections to identify deficiencies and evaluate required remedial measures.
- Coordinate source water protection planning across the watershed by providing support to local municipalities, representing LPRCA on committees, and ensuring that municipal strategies are integrated into larger watershed plans.
- Administer the Authority's Low Water Response program by monitoring precipitation, stream flow, groundwater levels and other factors to recognize and measure the severity of low water conditions. Represent LPRCA on the Low Water Response team and provide technical expertise.
- Maintain and develop floodplain and hazardous land mapping and information.
- Assist in developing and implementing policies, guidelines, and strategies relating to water management objectives, natural hazard management, and planning and regulation services.
- Project management: supporting capital infrastructure projects, dam safety reviews, Class Environmental Assessments, and construction oversight.
- Support and maintain the GIS database.
- Represent the Authority on external committees related to water management.
- Travel for meetings and field work.
- Other duties as assigned.

Location/Working Conditions:

- Tillsonburg with some travel.
- 35-hour work week (Monday – Friday 8:30 a.m. – 4:30 p.m.).
- Extra hours may be required to meet deadlines or attend meetings and/or special events.

Benefits

- Participation in OMERS defined-benefit pension plan.
- Comprehensive benefits package.
- Free access to Conservation Ontario parks.

Application Deadline: 11:59 p.m. on Wednesday, February 12, 2025.

To apply: Please send your cover letter and resume in a single PDF or MS Word document by email to hr@lprca.on.ca (Subject: 081– 24 Water Resource Analyst).

The posting for Water Resource Analyst is for an existing vacancy

We thank all applicants for their interest; however, only those being considered for an interview will be contacted. Personal information collected will be used solely for applicant selection in accordance with the Municipal Freedom of Information and Protection of Privacy Act. Long Point Region Conservation Authority is an equal opportunity employer. Accommodation will be provided in accordance with the Accessibility of Ontarians with Disabilities Act (AODA) upon advance notice of specific accommodation requirements.