



GIS Analyst

Festival Hydro is a distribution company serving 20,000 customers in the municipalities of Stratford, St. Marys, Seaforth, Hensall, Zurich, Dashwood and Brussels. Festival Hydro is a progressive utility looking for an incumbent that supports our ongoing commitment to customer and operational excellence.

The GIS Analyst role is a full-time position reporting to the Engineering Manager and includes a comprehensive benefits package. Work is conducted in a standard office environment however some field work may be required.

Primary Duties & Responsibilities

- Participate in projects involving the development, implementation, design and maintenance of all aspects of the GIS
- Aid in the migration of Festival Hydro's Asset and Geospatial Records including the electrical distribution system assets, associated records and the electrical network connectivity within the GIS
- Maintain geospatial data such as digital Ortho land-base mapping, land parcel, centerline information, and maps from various vendors to update and ensure accurate land base
- Interpret engineering plans, maps, sketches, drawings and legal descriptions for GIS database development
- Assist in the development of Geospatial Technologies through application, product and process innovation
- Leverage scripts and models to automate GIS workflows
- Assist with the integration of GIS with other internal systems
- Support field data collection activities
- Assist other employees in preparing detailed drawings
- Support GIS consultants, vendors and suppliers
- Develop and implement applications related to GIS data for internal/external stakeholders
- Aid in high level system planning processes through the development of GIS data analysis and reporting
- Assist Engineering department with other duties as required

Qualifications

Education and Experience

- Post-secondary degree or College diploma in Geomatics or GIS related field, and/or Engineering Technician or Technologist College diploma
- Equivalent combination of education and experience will also be considered
- Candidates with distribution system knowledge and work experience in an electric utility environment will be given preference



Knowledge/Skills and Abilities

- Proficient in ESRI ArcGIS software including ArcGIS Enterprise, ArcSDE, ArcGIS On-line, ArcFM Solution and SQL Database
- Basic knowledge of electrical distribution systems or other utility networks and the concept of asset management is preferred
- Experience in database design, database management as well as system integration between GIS and other engineering or business software systems
- Proficiency in Python, Model Builder and knowledge of other programming languages is preferred
- Ability to work from engineering prints (electrical and civil construction drawings), sketches, technical manuals, specifications and reports
- Ability to analyze systems and procedures accurately and logically and to grasp new technical concepts quickly
- Experience with AutoCAD, SCADA, Microsoft Office, Other Databases & Open Source GIS Software
- Excellent interpersonal, organizational, communication, analytical and time management skills
- Ability to establish and maintain effective working relationships with co-workers, managers, municipal employees, external agencies, and external engineering consultants
- Self-motivated while working independently, with the ability to prioritize work and make necessary adjustments throughout the day
- Valid Class G Driver's License in good standing

Interested candidates may apply by emailing their resume and cover letter to resumes@festivalhydro.com by May 31, 2021. Please reference “**GIS Analyst**” in the subject line.

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

Accommodations are available during the recruitment process. Applicants contacted for an interview are asked to make their needs known in advance.