



**Ka:'yu:'k't'h'/Che:k'tles7et'h' First Nations**

**Posted: April 24, 2024**

**Closing: Until filled**

## **GIS Technician - Summer Student**

Ka:'yu:'k't'h'/Che:k'tles7et'h' First Nations (Kyuquot/Checlesheht)(KCFN) is a modern Treaty First Nation located on the West Coast of Vancouver Island with our settled community in Kyuquot/Houpsitas. Approximately 1/3 of our Members live at home. The KCFN Department of Lands and Resources is responsible for managing 6,300 hectares of Treaty Lands, and managing KCFN Treaty rights on 149,000 hectares of land territory including 13 river systems and 846 km of shoreline. KCFN has offices in Houpsitas and Campbell River.

The GIS Analyst's main role is creating digital, graphic, and descriptive products using Geographic Information Systems (GIS) particularly QGIS and Relational Database Management Systems (RDBMS) with a focus on land and natural resources on KCFN Treaty Lands and territories (Hahualth) within the department of Lands and Resources. In addition to this, the GIS Technician will be responsible for maintaining the accuracy and integrity of KCFN databases. The GIS technician reports to the GIS and Management Lead.

### **Key Accountabilities**

- Design, create and maintain high quality maps, presentation material, documents, databases, and other digital products utilizing QGIS and CAD knowledge and skills.
- Research, assemble and summarize data
- Scan, georeference and digitize features from paper maps or engineering drawings
- Verify and check data to ensure continuity, integrity, and compliance
- Create, maintain, and analyze spatial and attribute databases
- Assist with other projects and duties as required
- Communicate problems, identifies deficiencies, and suggests solutions to GIS data related issues.

### **Education and Experience:**

- A GIS Technical Diploma and experience with ArcGIS/QGIS plus 1-year direct experience
- Experience in a local government or natural resource management/forestry setting is preferred.
- Knowledge and experience with implementing, configuring, and maintaining GIS Platforms.
- GIS for Server administration or other web mapping experience is preferred.
- Thorough knowledge of the BC Land Title Survey & Authority (LTSA) and British Columbia Assessment Authority data structures and processes.
- Proven ability to continually develop, learn and keep pace with technology changes.
- Thorough knowledge of raster, sensor and vector data processing procedures and analysis processes.
- Ability to work independently and efficiently with limited supervision.
- Strong cartography skills.

### **How to apply**

Please email your cover letter and include the job title within your subject line along with your resume to Timothy Sobey, [timothys@kcfirstnations.com](mailto:timothys@kcfirstnations.com)

We thank all applicants for their interest in this position; however, only those selected for an interview will be contacted.