



Wahnapiatae First Nation

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JOB POSTING

Job Title: Environmental Technologist – Aquatic Monitoring & Restoration

Location: Wahnapiatae First Nation (WFN)

Term: Full-time, Permanent

Reports To: Environmental Coordinator

NATURE AND SCOPE OF POSITION:

The Environmental Technologist - Aquatic Monitoring & Restoration will provide expertise in fieldwork and environmental programs, such as sampling surface and ground water as part of a monthly water monitoring program and stream, river and lake benthic and fisheries assessments. This will enhance planning and management activities for the Wahnapiatae First Nation. They will also assist the technical staff with environmental and resource management work when required. They can advance their career and skills through training and networking.

SPECIFIC RESPONSIBILITIES:

- Support and assist with activities led by the Environmental Coordinator as required.
- Implement comprehensive drinking water monitoring programs for community members, ensuring adherence to service targets (e.g., annual well water testing) and facilitating timely, accessible public reporting of results.
- Conduct water quality and fisheries monitoring to support fisheries management activities, including protection of key spawning areas and maintaining healthy fish populations.
- Monitor climate change impacts on water resources and contribute to the development of adaptation and mitigation measures.
- Provide technical data and support for community planning processes related to water and wastewater infrastructure design and construction.
- Support the delivery of water quality monitoring and assessment services for potential external partners or WFN business entities.
- Collaborate with Elders and knowledge keepers to integrate Traditional Ecological Knowledge regarding water systems into monitoring and restoration planning.
- Contribute water quality data to the community lands monitoring dashboard.
- Review environmental data sets related to water quality, traditional ecological knowledge, and other terrestrial and aquatic surveys
- Assist with industry and mining service contracts when applicable.
- Coordinate and assist various water quality checks and system maintenance.

- Collect, compile, analyse and manage data, including but not limited to biological, chemical and geographic data related to water resources while adhering to established protocols of health, safety, and environment.
- Utilize GIS/GPS to plan, compile and analyze environmental projects and data related to water resources.
- Effectively communicate with First Nation members, Elders, and other stakeholders regarding environmental initiatives and concerns, and collaborate with external agencies, consultants, and other First Nations on water quality projects and initiatives.
- Stay informed about relevant environmental regulations, best practices, and emerging water quality monitoring and restoration technologies.
- Assist with activities led by other Environmental Technologists outside of the water quality portfolio as required to support the environmental goals of WFN.
- Maintain confidentiality when dealing with sensitive information.

QUALIFICATIONS:

- A diploma or degree in environmental monitoring, environmental sciences or Biology.
- 2 years of experience in water monitoring or fisheries management is preferred in the environmental field.
- Solid understanding of fundamental environmental science principles (biology, chemistry, ecology).
- Experience in environmental monitoring, sampling techniques, and data collection.
- Knowledge of relevant environmental regulations and guidelines (federal, provincial, and First Nation levels) is beneficial.
- Knowledge of aquatic ecosystem health indicators and assessment methods.
- Proficiency in using field monitoring equipment and basic laboratory procedures.
- Strong oral and written communication skills, including technical report preparation.
- Excellent organizational and time management skills for managing tasks, prioritizing, and meeting deadlines.
- Knowledge of field survey techniques (ecological land classification, fisheries assessment, terrestrial/aquatic surveys, forest resource inventories, indigenous values identification).
- Ability to work independently and collaboratively within a team.
- Attention to detail and commitment to accuracy in data collection and reporting.
- Proficiency with Microsoft Office suite and data management software (R studio, SQL, Access).
- Valid Class G driver's license and willingness to travel for fieldwork.
- Demonstrated understanding and respect for Indigenous values, Traditional Ecological Knowledge, and stewardship principles.

WORKING CONDITIONS:

- Full-time, 35 hours per week.
- Able to work flexible hours or shift work (Excluding night shifts).
- Requires travel to various locations within and proximal to the First Nation's territory.
- Work is primarily outdoors in changing and extreme weather and terrain conditions near wildlife and may require some physical exertion, including lifting up to 30kg.
- Regularly work from boats, ARGO, side by side, truck driving on construction sites and other industrial sites.
- Occasional office work including data entry, report writing and meetings.

How to Apply:

Please forward your cover letter, resume, and three (3) work references by email to recruitment@wahnapietfn.com

Anishinabek and First Nation members are encouraged to apply. We thank all applicants for their interest; however, only those interviewed will be contacted.