

Job Position: Lake Winnipeg Water Quality Monitoring Assistant

Department: Manitoba Environment, Climate and Parks

Section: Water Quality Management

Location: Winnipeg, Manitoba (office) / Lake Winnipeg (field)

Website: <https://gov.mb.ca/water/lakes-beaches-rivers/index.html>

Salary: \$16.59/hr for co-op students; \$14.30/hr for non co-op students (subject to budgetary approval)

Additional Info: Full-time position (40 hours per week)

Period of Employment: Start date in May 2022 to December 2022, for a period of 34 weeks

Application Deadline: April 22, 2022

JOB DESCRIPTION

The student will be responsible for routinely collecting water, benthic and sediment samples at stations located in the north and south basin of Lake Winnipeg in support of the Department's long-term monitoring program. The student can expect to be involved in three Lake Winnipeg surveys on a research ship called *MV Namao*. Each survey is approximately three weeks in length; typically occurring in the spring (June), summer (August) and fall (September) with accommodation being on the *MV Namao*. In addition to sample collection, the student will conduct depth profiles for dissolved oxygen, conductivity, light, and temperature and will record environmental field data at each station. In addition to offshore sampling via the *MV Namao*, the student will participate in nearshore sampling of Lake Winnipeg via a workboat. Furthermore, the student will be required to perform duties in the office such as completing quality assurance/quality control, organizing and collating datasets, and ensuring water quality data is properly loaded to our Environmental Management Database. There is potential for the student to be involved in other water quality related research projects in the Department as needed.

QUALIFICATIONS

- Must be a returning post-secondary student with some coursework and interest in the environmental sciences. Relevant coursework in aquatic sciences or experience with field sampling techniques would be an asset.
- Must be registered with STEP services (<https://web36.gov.mb.ca/step/app/en/apply>).
- Must be reliable, organized, and self-motivated.
- Must be able to work independently and reliably under minimal supervision and have an ability to manage and prioritize workloads in order to meet time-sensitive deadlines.
- Must be fluent in English and possess excellent verbal and written communication skills.
- Must exhibit strong interpersonal, teamwork, and leadership skills.
- Must be able to problem solve with limited time and resources.
- Must possess strong computer skills with experience using Microsoft Office or other comparable software applications.
- Must be legally able to work in Canada.

RESPONSIBILITIES AND DUTIES

The position entails both field and office-based work including, but not limited to:

- Organizing logistics for the water quality monitoring programs (e.g., ordering sample bottles, maintaining and organizing field equipment, completing laboratory chain of custody forms, etc.).
- Collecting water samples following appropriate scientific protocols.
- Calibrating equipment (e.g., YSI probes) and verifying field data.
- Maintaining sampling equipment and gear.
- Follow health and safety protocols (e.g., completing daily field level hazard assessments, following COVID-19 guidelines, etc.).
- Ensuring proper documentation (COCs - Chain of Custodies) are included with field samples when submitting to the lab for analyses.
- Entering field data and maintaining electronically downloaded data records.
- Assisting with compiling data requests.

ADDITIONAL REQUIREMENTS

- Must possess a valid drivers licence with good standing and be comfortable with highway and city driving using larger vehicles (e.g., caravan, 4 x 4 truck).
- Must be comfortable working around water and possess the ability to swim.
- Must be physically capable to complete extensive field work (e.g., ability to lift heavy coolers).
- Willingness to work long hours (including some weekends) in remote areas.
- Must be willing to travel by boat (with overnight accommodation on a ship for weeks at a time). Pleasure Craft Operator Card is preferred.
- Flexible hours may be required. The field program dates are highly variable and can change daily due to weather conditions.

Your cover letter and resume must clearly indicate how you meet each of the stated requirements and qualifications.

We thank all applicants; however, only those selected for further consideration will be contacted.

How to Apply:

Please send a cover letter and resume via email to:

Matt Morison
 Senior Lake Winnipeg Specialist
 Manitoba Environment, Climate and Parks
 Box 14, 200 Saulteaux Crescent, Winnipeg, Manitoba, R3J 3W3
 Email: Matt.Morison@gov.mb.ca

Position is subject to final funding approval.