

## Community-based monitoring co-ordinator



The Lake Winnipeg Foundation is seeking an enthusiastic, detail-oriented individual to join our team in the position of community-based monitoring co-ordinator. Based out of Winnipeg, the position includes travel throughout southern Manitoba. This one-year term position (with possibility of extension) is 32-40 hours per week, with a salary range of \$30,400 – \$40,000.

### About the Lake Winnipeg Foundation

The Lake Winnipeg Foundation (LWF) is a growing and dynamic environmental non-governmental organization, working to ensure a clean, healthy Lake Winnipeg and watershed. Leveraging the expertise of our Science Advisory Council and the passion of our grassroots membership, we are nationally recognized for linking citizens and science to catalyze action.

At LWF, we're passionate about the health of Manitoba's lakes. We work as a team to foster innovative research, influence public policy and support community stewardship. We're committed to impactful, collaborative action to ensure everyone can enjoy carefree summer days at the lake. Learn more at: [lakewinnipegfoundation.org](http://lakewinnipegfoundation.org).

### Responsibilities

Reporting to the programs director, the community-based monitoring co-ordinator will support the development and operation of Manitoba's community-based monitoring (CBM) network.

Responsibilities include:

#### Volunteer recruitment and training

- Participate in CBM network steering committee meetings to understand network priorities and resource allocation
- Develop and maintain a volunteer sampler recruitment program targeting citizens in watersheds of priority concern throughout southern Manitoba
- Organize, co-ordinate and facilitate tailored training opportunities as needed for all network partners, including in-the-field training throughout southern Manitoba
- As required, contribute to funding applications to support Manitoba's CBM network

#### Sampling and analysis

- Maintain an up-to-date relational database containing all CBM information relevant to the collection of credible phosphorus data by citizen scientists
- Regularly review and update network procedures and protocols, with input from network partners, science advisors and community volunteers
- Manage and maintain network resources (e.g. sampling equipment, consumables)
- Manage sampling quality control and quality assurance procedures with all samplers
- Co-ordinate sampling activities of volunteer samplers to catch all major flow events throughout the field season

- Conduct field sampling as required to strengthen the value and credibility of the CBM dataset
- Conduct phosphorus analyses on all CBM samples in a certified water chemistry lab, as necessary

#### **Data interpretation and communication**

- Analyze and interpret CBM data with support from network science advisors
- In partnership with the Lake Winnipeg Basin Information Network, ensure all CBM data is presented online, using accessible and compelling data visualization tools
- Support LWF staff and volunteers in sharing data and interpretation with project partners.

## **Qualifications**

The successful applicant will have:

- Bachelors or Master's degree in Science, Environmental Science or Natural Resources Management and 2 years' relevant work experience
- Demonstrated field and lab experience in water science, chemistry, and/or environmental monitoring
- Strong understanding of scientific methodology and ecological principles
- Demonstrated knowledge of data management and statistical analyses
- Exceptional written and verbal communication skills
- Exceptional time-management, ability to prioritize and meet deadlines in a fast-paced, event-driven environment
- Strong organizational skills and proven attention to detail
- Creativity, adaptability and problem-solving skills
- Competent in computer word-processing, spreadsheet and database management, electronic mail and online communication tools
- Experience in GIS mapping and web design an asset
- Experience in project and volunteer management an asset
- Experience working in the non-profit sector an asset

Interested applicants should forward their resume and cover letter by email to [info@lakewinnipegfoundation.org](mailto:info@lakewinnipegfoundation.org) (Subject line: Community-based monitoring co-ordinator).

**Applications are due January 3, 2017. Only candidates to be interviewed will be contacted.  
Thank you for your interest.**

*LWF is an equal opportunity employer. Hiring, promotion and compensation decisions are based on assessment of employee skills, ability and experience with respect to the requirements of the position. LWF does not discriminate based on sex, race, ethnicity, gender, sexual orientation, age, religion, marital status or any other factor unrelated to an employee's performance.*