



The Alberta Lake Management Society
PO Box 4283
Edmonton AB
T6E 4T3
alms.ca

Position Title: Recreational Water Technician

Closing Date: February 16, 2025

Location: Edmonton, AB

JOB SUMMARY

The Alberta Lake Management Society (ALMS) is seeking an outgoing individual with biology, environmental science, or public health backgrounds for our Recreational Water Technician position. The position is best suited for new or recent graduates from a Bachelor of Science with a focus on environmental science and/or public health. The work term will run for 5 months (May to mid-October). The successful candidate will support the coordination of recreational water quality monitoring activities under the Alberta Safe Beach Protocol at priority locations throughout Alberta. The position will have a blend of office work and fieldwork, and though based in Edmonton, involves considerable driving throughout the province. This position requires excellent personal skills, including communication and organization.

ESSENTIAL FUNCTIONS:

- Assist with the coordination of recreational water quality monitoring activities under the Alberta Safe Beach Protocol in collaboration with the Alberta Center for Toxicology, Alberta Health, and Alberta Health Services.
- Conduct water quality sampling for public health targets (enterococcus, cyanobacteria, microcystin) at beach locations throughout the province.
- Complete site assessments where necessary for the evaluation of public health hazards at recreational beaches.
- Educate beach monitors and other sample collectors about sampling procedures, sampling targets, and public health context.
- Support the establishment and maintenance of a long-term network of beach monitors including beach owners/operators, watershed stewardship groups (WSGs), watershed planning and advisory councils (WPACs), and citizen scientists.
- Support ongoing recreational water quality monitoring research initiatives in Alberta.
- Coordinate logistics surrounding delivery of sampling materials and samples throughout the province.

JOB QUALIFICATIONS:

- Suited to individuals looking for a challenging and rewarding summer experience where they can develop skills in water quality monitoring logistics and utilize their interpersonal and communication abilities.
- Possess a background in biology/environmental science.
- Excellent organizational skills and the ability to adapt to last minute schedule changes.
- Possess attention to detail in regards to protocol, documentation, and scheduling.
- Must be able to work independently and possess an enthusiasm for working in various outdoors conditions (insect activity, inclement weather, rain, etc.).
- Must be comfortable with driving long distances.
- Willingness to camp (camping experience is an asset).
- Must have a flexible schedule to accommodate field work (including weekends/evenings/holidays).
- Must be available full time from May to October.
- Must be personable and enthusiastic, and be able to work collaboratively with co-workers, volunteers, and partner organizations.
- Work/volunteer experience related to interaction with the public is essential.
- Must possess a valid driver's license.

ASSETS:

- Knowledge of lake science including topics related to water chemistry, eutrophication, phytoplankton, zooplankton, invasive species, and/or hydrology.
- Experience conducting environmental education and outreach.
- Experience conducting environmental fieldwork.

WAGE:

\$23.00 / hour.

Please submit a cover letter with résumé as one document to **Bradley Peter** at info@alms.ca by 11:59 PM on February 16, 2025. In your cover letter, please indicate your availability and highlight relevant education, work, and volunteer experiences that demonstrate your knowledge, organizational skills, adaptive abilities, and suitability for working with the public. Please clearly indicate how you meet the job qualifications.