



Job Specification

Position Title: PARK BIOLOGIST-WABAKIMI PROVINCIAL PARK
Job Code: OPSEU - Biologist 2A/2B, 14022/14024
Job ID: 36425

Purpose of Position:

As a member of the Wabakimi Provincial Park team, under the general direction of the Zone Manager with day-to-day supervision from the Park Superintendent and group leadership of the Zone Ecologist, to plan, develop and ensure the ecological integrity of terrestrial and aquatic ecosystems and the integration of resource management activities in the Park; to assist in the planning and management of Park issues, provide specialist expertise and advice on terrestrial and/or aquatic ecosystems management and coordinate research activities in the Park.

Duties/Responsibilities:

1. Develops plans and strategies to ensure the ecological integrity of the greater ecosystems in and immediately surrounding Wabakimi Provincial Park by:
 - developing, upgrading and implementing Management Plans (e.g. fire, fish, wildlife, birds, plants, insects, etc.) for Wabakimi Provincial Park pursuant to the Park Management Policy and Provincial Policies;
 - as a member of the Park Management Team, integrating and evaluating the Fish and Wildlife Management Plans, on an ongoing basis, with the Forest Management Plans in the surrounding Forest Management Units;
 - integrating fish, wildlife and species at risk strategies with land use objectives in the Park Management Plan and relating Provincial policies to natural resource capabilities;
 - assisting in the preparation of resource stewardship plans as directed by the Park Management Policy, including an air resources plan, a water resources plan, a vegetation resources plan, a fisheries resources plan, and a wildlife resources plan;
 - undertaking any planning or reporting requirements of the Environmental Assessment Act, Fish and Wildlife Conservation Act, Species at Risk Act and Fisheries Act;
 - participating in forest management planning and review of the annual work schedule for the-surrounding Forest Management Units; attending District, Regional and Provincial meetings relating to planning and resource management, as required.
2. Directs the implementation of the Park Management Policy and other park planning requirements by:
 - designing and performing scientifically sound studies and surveys (e.g. population, habitat) in Wabakimi Provincial Park;
 - participating in work program planning for the Park including developing budgetary proposals and periodic budget reviews;
 - providing advice to the District/Area teams assisting with implementing and monitoring the sustainability of terrestrial and aquatic ecosystems;
 - providing group leadership to District/Area technicians assisting with the implementation of a variety of Fish and Wildlife Programs;
 - providing input into the review of development proposals, work permits, watershed and Forest Management and other resource management plans;
 - cooperating with Park staff in organizing and maintaining inventories and lists of the Park`s biota;
 - assisting Park and Zone staff in maintaining a comprehensive database of park natural resources;
 - preparing special reports on specific studies and research;
 - providing group leadership and training to seasonal (i.e. Park Wardens, Park Technicians) and unclassified staff and students as required;
 - coordinating the selection and assignment of volunteers working on ecological research projects;
 - working in compliance with the Occupational Health and Safety Act and its Regulations and any workplace practices as directed by the Employer;
 - ensuring that workers take precautions to protect the health and safety of themselves and others by complying with such acts, codes, policies, procedures or accepted workplace practices as may be appropriate;
 - advising workers of actual and potential dangers in the workplace and the required precautions.
3. Coordinates the review and management of research in Wabakimi Provincial Park by:
 - developing a Research Strategy as directed by the Park Management Policy with emphasis on

monitoring and maintenance of biodiversity and other goals of the Park Management Policy;

- conducting periodic updates of the Research Strategy and liaising with researchers, both internal and external, to ensure efficient operation of research projects;
- maintaining a closely working relationship with Colleges and Universities on research programs;
- actively promoting the Research Strategy and developing partnerships with researchers;
- working cooperatively with the Region`s Species at Risk Biologist, other MNR staff and assisting the Zone Ecologist in leading the Caribou research programs and other species at risk, within the park and Zone;
- promoting user compliance with park rules and regulations through contact patrols;
- enforcing provincial statutes (i.e. Provincial Parks Act, Fish and Wildlife Conservation Act and the Forest Fires Prevention Act);
- documenting warnings, laying charges, issuing appearance notices and summary conviction tickets as required, and attending court as required.

4. Participates in the public consultation and communication initiatives of Wabakimi Provincial Park by:

- liaising with various publics to discuss planning proposals, obtaining information, providing assistance and promoting understanding of Ministry policies and integrated resource objectives, sharing information and knowledge with all interested persons;
- developing communications strategies (i.e. stages of public input/review, advertising, visual `5% presentations);
- arranging for public consultations by determining location, audience, material required;
- assisting in providing a public education program for interest groups and Park visitors by written and oral presentations, lectures, field tours and fostering good public relations with local media;
- communicating results of specific studies by presentations at professional conferences and publishing research papers;
- preparing briefing notes and correspondence for Minister and Senior Management.

5. Performs other related duties such as:

- assisting other members of the park team during vacation/sickness and peak workload periods;
- assisting in other ministry program areas as required;
- as assigned.

Knowledge:

Strong theoretical and working knowledge of Fish and Wildlife habitat and population assessment, and environmental impact on Fish and Wildlife resources. Thorough understanding of the theory, principles and practices of Integrated Resource Management planning. Good working knowledge of relevant legislation, policies and procedures. Working knowledge of research protocols, and standards and experimental design. Knowledge of and ability to use personal computers including word- processing, data management, presentation, internet and e-mail software applications. Knowledge of Geographic Information Systems (GIS) and Global Positioning Systems (GPS) current technologies. Working knowledge of the standards and operating practices for information gathering (e.g. data collection and inventory techniques, data preparation and entry/digitizing). Knowledge of and ability to operate, maintain and perform minor adjustments/repairs to various field (e.g. GPS locators, weather stations, vehicles, all-terrain vehicles) and audio-visual and photography equipment.

Staffing and Licensing Requirements:

Ability to work shifts, weekends and statutory holidays as per schedule.

Ability to work in inclement weather.

Ability to be designated as a Park Warden and meet ministry certification criteria and standards in the use of force. Valid Emergency First Aid Certificate.

Valid Class `G` Driver`s License.

Skills:

Strong group leadership, presentation, interpersonal and oral and written communication skills. Strong analytical, negotiating and conceptual skills. Ability to write scientific and technical reports. Ability to prepare long range management plans, prepare budgets, verify projects and complete cost analyses and/or reports. Working knowledge of the practices/techniques of outdoor living, especially in remote locations. Good working knowledge of the Occupational Health and Safety Act and those regulations made under the Act that apply to the workplace and the work being performed.