

Working Title Wildlife Technician		Name	
Position Number	Reports to Position No., Class & Level	Division, Branch/Unit Resource Stewardship/Fish and Wildlife Stewardship/ Wildlife Management	Ministry Alberta Environment and Parks
Present Class		Requested Class Technician – NR 5	
Dept ID	Program Code	Project Code (if applicable)	

PURPOSE:

The wildlife technician position is designed to assist the area wildlife biologist with the delivery of species at risk recovery actions in the South Saskatchewan Region. Responsibilities will include but are not limited to: conducting field inventories for various species at risk, implementing species recovery actions (i.e., predator control and habitat modification), data collection, analyzing and summarizing data, data entry, writing reports, equipment maintenance, and preparing internal documents for habitat protection. The position functions as a member of an integrated team of professional and technical staff responsible for the management of species at risk in the South Saskatchewan Region.

Wildlife Technicians are mentored by more senior biological staff to enhance their knowledge of the organization, their skill development, applied scientific knowledge and their personal suitability.

RESPONSIBILITIES AND ACTIVITIES:

1. Resource Management –General

Aids the wildlife biologist in organizing workload, developing work plans, assigning priorities with assistance from supervisor and maintains project databases.

- Participates in development of personal work plan to effectively accomplish assigned tasks.
- Aids in coordinating and implementing field work assigned by the senior species at risk biologist.
- Maintains databases associated with project delivery. This will include data cleaning and entry into provincial databases.

2. Resource Management - Species/Population

Works with the senior species at risk biologist to assist in the sage grouse population inventory and monitoring program. In consultation with the senior species at risk biologist, assists in delivery of sage grouse recovery actions including the predator control program and habitat modification.

Activities

- Assists in sage grouse population monitoring, including tracking relocated sage grouse fitted with transmitters to determine survival, brood sizes and habitat use.
- Investigation of mortalities of sage grouse fitted with transmitters. This also includes transmitter recovery.
- Delivers the ongoing predator control program designed to increase sage grouse survival and nest success.
- Assist in designing and implementing habitat modifications to enhance sage grouse habitat.

3. Resource Management – Habitat

Play a role in ensuring that wildlife habitat objectives for the area are incorporated into resource management processes to help reduce the impact of industrial and recreational activities on wildlife resources. May provide input to the development of wildlife management objectives and programs; carry out habitat inventory programs, monitor habitat trends, or design

RESPONSIBILITIES AND ACTIVITIES:

effective mitigation strategies.

- Assist with development and carries out habitat inventory/monitoring programs to determine trends in wildlife habitat.

4. Administration

Responsible for assigned field equipment operation, repair, inventory and use. Responsible for the tracking of own expenses while on the job and entering these expenses online. Also, responsible for completing timesheets for supervisor approval.

Activities

- Aids in procuring and maintaining equipment, while maintaining accurate inventory and ensuring that all equipment is operated in a safe manner.
- Completes personal expense claims and timesheets.
- Track, maintain and organize all receipts and records of purchases for budgeting purposes.

5. Occupational Health and Safety

Responsible for delivering wildlife management programs in a safe manner and meeting the goals and objectives of the regional and provincial Occupational Health and Safety Program.

Activities

- Responsible for facility and equipment inspections
- Responsible for carrying out Occupational Health and Safety directives as per Regional Plan under direction of the Senior Biologist.
- Responsible for the development and ensuring coordination of Safety Plans associated with wildlife project activities.
- Responsible for ensuring seasonal staff being supervised carry out work according to specified regional safety plans and procedures and safety plans.

SCOPE:

This is a technical position that;

- Will assist with meeting provincial requirements for species at risk, specifically sage grouse
- Will assist with meeting federal expectations for the protection of species at risk
- Will assist with meeting internal requirements for research
- Will assist with the implementation of research projects related to sage grouse
- Assist senior wildlife staff with permitting and licensing as necessary.
- Assists other divisions through referral processes by supplying advice on wildlife population and habitat objectives.

KNOWLEDGE, SKILLS & ABILITIES:

- Diploma in Natural Sciences, or
- A Bachelor of Science degree or similar equivalency.
- Directly related graduate education may be considered in lieu of experience.
- Knowledge of Wildlife Act, Species at Risk Act, and wildlife policies, guidelines, and standards.
- Working knowledge of how to collect data and sampling/survey techniques

KNOWLEDGE, SKILLS & ABILITIES:

- An understanding of methods for data management and security
- Some awareness of Alberta fish and wildlife policies, procedures and legislation.
- Familiarity with Occupational Health & Safety standards, practices and responsibilities.
- Some general understanding of Alberta fish and wildlife resource management programs.

- **Skills**
- Good writing and verbal communication skills.
- Good public relations and networking skills.
- Operation of various computers programs including: data bases, ArcGIS, MS Word, MS Excel, and MS PowerPoint
- Capable of working effectively in a team environment.
- Certified in First aid training including CPR
- ATV certification
- Innovative thinking for effective problem solving

- **Abilities**
- Ability to work unsupervised or within a team setting with the initiative to complete work tasks as outlined by supervisor.
- Ability to take and incorporate direction given by supervisor to complete assigned tasks as directed.
- Ability to organize and interpret technical and scientific knowledge.
- Ability to clearly present data and results of biological studies in reports and visual presentations.
- Ability to communicate expectations and objectives to staff and supervisors.
- Ability to use firearms and pass department certification training
- Ability to work in remote camp settings for extended periods of time.
- Ability to operate a variety of field equipment including: 4x4's, quads, and trailering.

CONTACTS:

- Will require extensive contact with local landowners and landowner groups, industry representatives and regulators such as the Alberta Energy Regulator.
- Provides professional wildlife resource protection input into land use management issues/processes (ex. Land use Framework – Regional Plans). This will involve interacting directly with other AEP and provincial government departments as well as industry and special interest groups. Requires use of influence and persuasion, as the Biologist does not have regulatory authority.
- Facilitates public/user group consultation processes regarding resource management strategies and regulation/program delivery issues.
- Acts as scientific program advisor on matters relating to environment impact on wildlife as a result of land use/water use development in the area with respect to Sage grouse.
- Provides public education function within area.

SUPERVISION EXERCISED:

- There are no positions reporting directly to this position.