

NATURAL RESOURCES TECHNICIAN - WILDLIFE

KIND OF WORK

Technical, Para-professional conservation work.

NATURE AND PURPOSE

An employee in this class assists professional Natural Resource Specialists (Wildlife Management) and Natural Resource Specialist (Wildlife Research Biologists) in protecting wildlife lands and planning, implementing, and evaluating habitat manipulation on state lands and other public/private lands surrounding state boundaries. These employees also perform difficult work assignments independently and may be responsible for supervising lower level employees. Employees in this class may be responsible for certain phases of operations, but usually work under the general direction of a supervisor who assigns and inspects work, progress, and completion. The employee has considerable latitude for use of independent judgment and routine operations or in emergency situations. Difficult technical decisions are the responsibility of the professional. Work is reviewed through field inspections, review of records, reports and work accomplishment.

EXAMPLES OF WORK (A position may not include all the work examples given, nor does the list include all that may be assigned.)

Implement census and surveys of wildlife populations and collect recreational use data so that proper resource management decisions can be made.

Collaborate on the management of habitat on public lands so that optimum wildlife populations are developed and maintained, and compatible public recreation is provided.

Collaborate in the coordination and integration of management proposals with other department disciplines so that wildlife habitats, communities, and entire ecosystems will be maintained, preserved, and enhanced.

Construct or maintain area facilities and capital improvements so that they are protected for the benefit of wildlife and the public.

Collaborate in the maintenance and repair of field equipment, fleet vehicles, area headquarters physical facility and state owned/operated structures and properties to effectively and efficiently carry out management objectives.

Apprise clientele of current operations, management practices, recreational opportunities, and DNR policy issues so that the public is well informed, public cooperation and support is achieved, and good public relations are maintained.

Performs related work as required.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

Knowledge of:

Working knowledge of the principles and practices of specific wildlife needs and the management techniques necessary to meet those needs in farmland, transition, and northern forest habitats.

Applied knowledge of wildlife identification and aging techniques, habitat needs of various species, population dynamics, census and survey methods, and habitat manipulation.

Applied knowledge of methods of forest silviculture and forest policy guidelines to set up, monitor, and enforce timber sale regulations.

Working knowledge of all facets of a prescribed burn and wild land fire suppression.

Working knowledge of Wildlife Management laws, rules, regulations, policies, procedures, and planning practices.

Working knowledge of the organization functions and objectives of the Wildlife Section.

Some knowledge of the organization of the Department of Natural Resources and functions of the major organizational units.

Some knowledge of natural history and natural science.

Ability to:

Work independently without direct supervision.

Use various equipment and tools: chainsaws, hand tools, and power tools.

Operate common types of mechanical and vehicular equipment and to perform routine servicing.

Implement hunting/trapping activities.

Understand and carry out oral and written directions.

Direct the work of others.

Keep records and write reports.

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Class Specification

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Do physically demanding work.

Read, utilize, and interpret aerial photos, infra-red photos, forest inventory (Phase II) and GIS maps and other graphic materials.

Perform various grounds maintenance tasks.

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Rev.: 2/25/00

Ckd.:

T.C.: 4/12/88

Former Title(s): Natural Resources Technician
(Wildlife Technician)