

## NATURAL RESOURCES FORESTRY SPECIALIST, INTERMEDIATE

The Division of Forestry is organized both hierarchically and by geographic unit. In the field, it is organized geographically (from smallest to largest) into Field Stations, Areas, and Regions. Field positions report administratively to their respective supervisor and receive program direction from Central Office staff. Classification level is a function of both the size of the geographic unit and the responsibility for program(s). Central Office jobs typically have a statewide focus and varying levels of program responsibility.

### KIND OF WORK

Professional forest resource management work.

### NATURE AND PURPOSE

Under limited supervision, implement and administer several forestry programs at a Field Station as an Assistant Field Forester or a single Central Office program (i.e., Forest Resource Assessment or Geographic Information Systems) by applying forest management theory and principles and Division of Forestry policies and procedures; function as a lead worker to other staff; perform related work as required.

The Intermediate level differs from the entry level in the degree of independent ongoing responsibility for program accomplishments, increased level of leadwork responsibilities, and the need for a higher level of division policy and procedure knowledge. It differs from the Senior level at a Field Station by responsibility for the implementation of fewer programs in its role as Assistant Field Forester, and in Central Office by lack of responsibility for the overall administration of a small-scale forestry program or portion of a larger program.

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

Apply multi-use forest management principles to manage forest resources to maximize their value and use by evaluating existing forest conditions, identifying development needs, prescribing treatments, submitting recommendations, and implementing projects.

Plan and organize fire control activities at a Field Station, including presuppression and suppression tasks, to minimize losses of natural resources, lives and real property by training staff, developing working relationships with local fire departments, and supervising suppression activities when necessary.

Implement private forest management activities at a Field Station so that private landowners can use their timber most efficiently by recommending goals, responding to requests, and making management recommendations to non-industrial private woodland owners.

Oversee the work of project personnel and contractors for assigned programs; supervise technicians in the absence of the NR Forestry Specialist, Senior so that field work is completed in a timely fashion by assigning tasks, monitoring completed work, and reporting deficiencies to the NR Forestry Specialist, Senior or supervisory staff.

Administer a segment of a larger division program such as Geographic Information Systems (G.I.S.) or Forest Resources Assessment to ensure that that portion of the program runs smoothly by advising staff on procedures, recommending new procedures or changes in staffing, preparing reports, and monitoring program achievements.

### KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

#### Knowledge of:

Forest management theory and practices sufficient to implement a number of forestry programs independently.

State timber, fire and recreation laws sufficient to recognize violations of these laws.

Erosion control methods sufficient to protect lands from erosion and compaction after timber sales and road construction projects.

Legal and safety procedures for storing, transporting and applying pesticides sufficient to conduct safe and legal spraying operations.

Equipment capability, suitability, limitations, hazards, and service requirements sufficient to order appropriate equipment and assign work on silvicultural projects and in emergency fire suppression actions.

Harvesting, regeneration and cultural practices sufficient to prescribe, conduct, and evaluate management activities that will conserve the productivity of the land and its ability to regenerate forest crops.

Appropriate forest survey and appraisal techniques sufficient to inventory and appraise forest resources and inspect and approve the work of others.

Appropriate road building and maintenance techniques sufficient to assess needs and to assign and approve work.

Effective fire suppression techniques sufficient to train firefighters and to command fire suppression actions that will minimize losses to lives, property and natural resources.

G.I.S. computer systems and data interpretation sufficient to independently respond to user requests.

Ability to:

Propose pest abatement measures sufficient to minimize losses to forest resources.

Monitor forest resources for loss through fire, weather, pests, flooding, etc. and propose timber salvage operations sufficient to protect forest resources from loss.

Communicate orally and in writing with the public sufficient to explain forest plans, development projects, and division policies and procedures, and to defuse hostility and anger toward the department.

Est.: 10/89  
Rev.:

T.C.:  
Former Title(s):