

## FORESTER

### General Statement of Duties and Responsibilities

This class of positions encompasses professional responsibilities of varying degrees of difficulty and responsibility in the performance of forestry work. Promotes and maintains the health and vitality of the urban forest under difficult conditions. There are two Assignment Levels within this class of positions. All personnel perform related work.

### Assignment Level I

Under supervision, performs professional forestry functions in the field and office; performs related work.

### Examples of Typical Tasks

Implements professional forestry plans regarding the selection, planting, pruning, repairing, spraying, removal, and inspection of city trees.

Collects data for work load planning and computer model simulation of work to be done by contractors for stump removal, tree pruning, tree planting and related urban forestry contracts; serves as borough liaison to central office staff for assigned contract work; prepares detailed specifications of agency forestry contracts; attends preconstruction meetings to discuss contract specifications, schedules and payment procedures; monitors daily progress of agency contractors and prepares daily status reports on agency contract work; reports results and recommendations to supervisors.

Collects statistical data concerning mensuration measurements, silvics indicators, and physiological parameters in order to maintain a complete and accurate borough or citywide tree inventory update; modifies micro and macro EDP software programs as required.

Provides professional support and follow-up on consultancy with private and municipal agencies and private individuals on forestry-related matters.

Conducts research and provides entomological and pathological surveys required for the development of plans and programs regarding forestry methods, practices and procedures; as a member of a team, participates in the preparation of reports for proposals, analyses and budget requests.

May supervise subordinate employees involved in professional forestry activities.

FORESTER (continued)

Assignment Level I (continued)

Examples of Typical Tasks (continued)

Operates and maintains technical and professional instruments, kits and tools in the performance of the above mentioned professional research and survey duties: operates motorized equipment and vehicles incidental to the performance of these duties.

Assignment Level II

Under general supervision, performs advanced professional forestry functions in the field and the office; performs related work.

Examples of Typical Tasks

Formulates and implements professional multi-year forestry management plans regarding the propagation, preservation and maintenance of city and park trees.

Schedules and supervises the field surveys and inspections to assess the condition of trees and the extent of damage from insects, injury or disease.

Assesses work to be done by contractors for tree removal, tree pruning, tree planting, and related forestry contracts; coordinates reports of results with recommendations to the forestry manager; coordinates and advises the forestry manager on detailed specifications for agency forestry contracts; supervises Level I Foresters in the monitoring of contractors; informs the forestry manager of the schedule and status of agency forestry contracts.

Directs the preparation and the implementation of in-house forestry training programs and conducts classes for forestry personnel on trees, insects and diseases, and forestry operation computerization; supervises other instructors and coordinates on-the-job training.

Develops and executes professional forestry field operation plans which outline specific procedures for management under the "multiple use" and "sustained yield" concepts.

Provides design requirements and monitors the quality control of other governmental and private agencies involved in tree planting, pruning and removal; consults with municipal and private agencies and private industries on forestry-related matters.

Supervises and reviews programs and develops new applications for microcomputers for forestry office operations.

FORESTER (continued)

Assignment Level II (continued)

Examples of Typical Tasks (continued)

Researches and develops plans and programs regarding professional forestry policies, practices and procedures, crew configurations and fleet equipment management; prepares and presents reports for proposals, analyses and budget requests.

Supervises subordinate employees involved in professional forestry activities.

Qualification Requirements

1. A Master's Degree from an accredited university with specialization in Forestry or a related subject, or
2. A baccalaureate degree from an accredited college with specialization in Forestry or a related subject and one year of full time professional experience in forestry or arboricultural work; or
3. An associate degree from an accredited college with specialization in Forestry or a related subject and 3 years of full time professional experience in forestry or arboricultural work.
4. Education and/or experience equivalent to "1", "2", or "3" above.

License Requirement

A Motor Vehicle Driver's License valid in the State of New York.

Direct Lines of Promotion

From: None

To: To be determined