

CLASSIFICATION: BIOLOGIST II

Class Code: 1082-23

Date Established: 09-01-53

Occupational Code: 7-6-2

Date of Last Revision: 7-17-15

Exempt Status: Non-Exempt

BASIC PURPOSE: To coordinate and review biological or limnological research and analysis according to established professional standards in a specified area of concentration.

CHARACTERISTIC DUTIES AND RESPONSIBILITIES:

- Plans, develops, and participates in fish ecology and population surveys of inland and marine waters.
- Recommends stocking policy and the effects of stocking on various lakes and streams; performs studies of reproductive capacities and survival rates.
- Investigates aquatic nuisance complaints and water quality violations and recommends solutions to mitigate problems and protect aquatic resources.
- Conducts field research and management activities, including field survey and animal capture, sedation and handling.
- Develops long-range research and management plans for waterfowl; evaluates population data and prescribes and implements appropriate waterfowl seasons.
- Confers with state agencies, town officials, sporting clubs, lake associations and other interested parties in order to consider restoration or protection needs and implement lake restoration procedures.
- Prepares publications and reports using technical data gathered through limnological investigations and presents findings to local, state and federal officials.
- Develops, supervises, and participates in projects designed to evaluate, safeguard, and perpetuate the areas' natural resources.

DISTINGUISHING FACTORS:

Skill: Requires skill in recommending routine changes in standardized operating procedures OR in retrieving, compiling and reporting data according to established procedures OR in operating complex machines.

Knowledge: Requires logical or scientific expertise to resolve problems of a specialized or professional nature in a wide range of applications.

Impact: Requires responsibility for achieving direct service objectives by assessing agency service needs and making preliminary recommendations for the development of alternative short-term program policies or procedures. Errors at this level result in incomplete assessments or misleading recommendations causing a disruption of agency programs or policies.

Supervision: Requires direct supervision of other employees doing related or similar work, including scheduling work, recommending leave, reviewing work for accuracy, performance appraisal, or interviewing applicants for position vacancies.

Working Conditions: Requires performing regular job functions in an environment which includes exposure to continuous physical elements or a number of disagreeable working conditions with frequent exposure to minor injuries or health hazards.

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Physical Demands: Requires medium work, including continuous strenuous activities such as frequent reaching, bending, or lifting as well as performing work activities which require fine manual dexterity or coordination in operating machines or equipment.

Communication: Requires reviewing summaries and reports and making management level decisions to solve problems or to achieve work objectives as well as articulating and expressing those solutions and goals. This level also requires formal presentations of solutions and goals to employees and the general public to increase the responsiveness of the agency toward the demands of its client system.

Complexity: Requires coordinating a combination of diverse job functions in order to integrate professional and technical agency goals. This level also requires considerable judgment to implement a sequence of operations or actions.

Independent Action: Requires objective assessment in analyzing and developing new work methods and procedures subject to periodic review and in making decisions according to established technical, professional or administrative standards.

MINIMUM QUALIFICATIONS:

Education: Master's degree from a recognized college or university with a major in biology, wildlife or fisheries management, or a related biological science. Each additional year of approved formal education may be substituted for one year of required work experience.

Experience: Two years' experience in work at a professional level in wildlife, fisheries, or aquatic biology research management or in another field related to the area in which the vacancy exists. Each additional year of approved work experience may be substituted for one year of required formal education at the graduate level only.

License/Certification: Applicants for positions requiring fieldwork must have or be able to obtain a New Hampshire driver's license during the probationary period. Any additional license requirements must be specified on the supplemental job description and approved by the Division of Personnel prior to posting at the agency level.

RECOMMENDED WORK TRAITS: Thorough knowledge of the principles and practices of limnology, biology or other scientific research as it relates to fish and wildlife resources. Considerable knowledge of biological research analysis and management programs. Knowledge of the application and techniques involving mechanical, chemical or biological control of aquatic nuisances, and knowledge of the methods used in conducting biological investigations with regard to aquatic and game resources. Ability to plan and coordinate the work of subordinates. Ability to compile and analyze data, prepare tables and write reports of a technical nature. Ability to prepare and present talks on fish and wildlife activities, on lake restoration and protection procedures and on lake and stream ecology. Ability to establish and maintain harmonious working relationships with other employees and the general public. Must be willing to maintain appearance appropriate to assigned duties and responsibilities as determined by the agency appointing authority.

DISCLAIMER STATEMENT: This class specification is descriptive of general duties and is not intended to list every specific function of this class title.