

BAY MANAGEMENT SPECIALIST II

Department: Environmental Control

Classification: Competitive

Specification Number: 2895

Approved: 8/15/23

Revised: By JG

MINIMUM QUALIFICATIONS

OPEN COMPETITIVE

Graduation from a college with federally-authorized accreditation or registration by NY State with a Bachelor's Degree in Biology, Marine Biology, Microbiology or Zoology, and three (3) years of experience in bay management activities.

NOTE: Additional relevant education from a college with federally-authorized accreditation or registration by NY State will be substituted for experience on a year-for-year basis.

PROMOTIONAL

One (1) year of permanent competitive status as a Bay Management Specialist I.

DISTINGUISHING FEATURES OF THE CLASS

Under general supervision, an employee in this class is responsible for planning, supervising and performing surveys, investigations and projects related to bay and shellfish research and management. Supervision may be exercised over a Bay Management Specialist I or other technical personnel. General supervision is received from environmental control administrative personnel through conferences and written reports. Does related work as required.

TYPICAL WORK ACTIVITIES

Conducts surveys gathering and analyzing marine samples to determine the growth and abundance of shellfish in the fishery;

Plans and supervises water-quality testing programs to determine temperature, salinity, dissolved oxygen and other factors;

Participates in surveys of town wetlands as part of an overall salt marsh management plan;

Plans and supervises employees in the performance of a variety of shellfish and bay management research programs such as clam transplants, and shellfish aquaculture programs;

Performs laboratory work on collected samples, such as water quality evaluation, invertebrate identification, hard clam larval identification, zooplankton and phytoplankton counts;

Analyzes data and prepares reports regarding shellfish identification, larval counts and economic factors;

May plan and supervise programs in the areas of beach erosion monitoring, dune stabilization and wetlands preservation.

KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS

Comprehensive knowledge of the principles, methods and techniques of bay resources management and research; thorough knowledge of the natural and biological sciences as they relate to bay management; thorough knowledge of federal, state and town laws and regulations pertaining to wetlands, shellfish and local waterways; good knowledge of the principles, methods and techniques of compiling, organizing and interpreting scientific data to determine and resolve those matters which affect marine environment and the natural marine resources of the Town; ability to prepare and present comprehensive reports; ability to establish and maintain effective working relationships with co-workers in a manner conducive to full performance and high morale; ability to express oneself clearly and concisely, both orally and in writing; physical condition commensurate with the demands of the position.