

# **BAY MANAGEMENT SPECIALIST I**

**Department: Environmental Control**

**Classification: Competitive**

**Specification Number: 2890**

**Approved: 2/14/22**

**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 Invertebrate Zoology or a related field, and one (1) year of experience in bay management activities.**

### **NECESSARY SPECIAL REQUIREMENT**

**Must have ability to learn how to operate small boats.**

## **DISTINGUISHING FEATURES OF THE CLASS**

**Under direct supervision, an employee in this class assists in, or performs, surveys, investigations and field projects related to bay and shellfish research and management. The incumbent performs entry-level professional duties. Supervision is received from either a Bay Management Specialist II or a professional waterways management employee. Does related work as required.**

### **TYPICAL WORK ACTIVITIES**

**Assists in surveys which include the gathering of marine samples to study the growth and abundance of shellfish in the fishery;**

**Assists in water quality testing programs to determine temperature, salinity, dissolved oxygen and other factors;**

**Participates in field surveys of Town wetlands as part of an overall salt marsh management plan;**

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

**May assist in programs of shellfish aquaculture, transplanting shellfish, spawner programs or the safeguarding of restricted areas;**

**Compiles and assists in analyzing data regarding shellfish harvests, shellfish identification, larval counts and economic factors;**

**Responds to complaints and inquiries about conditions which affect the wetlands and the bay;**

**May assist in beach erosion monitoring, dune stabilization programs and wetlands permit reviews.**

## **KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS**

**Thorough knowledge of the principles, methods and techniques of bay resources management and research; good knowledge of the federal, state and local laws and regulations pertaining to wetlands, shellfish and local waterways; knowledge of the principles, methods and techniques of compiling, organizing and interpreting scientific data; knowledge of the modern developments, current literature, sources of information and technical nomenclature in the field of bay management; knowledge of the natural and biological sciences as they relate to bay management; ability to compile data and prepare reports; ability to establish and maintain effective working relationships with others; ability to express oneself clearly and concisely, both orally and in writing; physical condition commensurate with the demands of the position.**