

ENVIRONMENTALIST II

Department: Environmental Control

Classification: Competitive

Specification Number: 2845

Approved: 1/10/24

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 including thirty (30) credits in mathematics and natural, physical, or environmental sciences, and two (2) years of environmental protection experience.

NOTE: Additional education in natural, physical, or environmental sciences may be substituted for experience on a year-to-year basis to a maximum of (1) year.

PROMOTIONAL

One (1) year of permanent competitive status as an Environmentalist I.

NECESSARY SPECIAL REQUIREMENT

At the time of appointment, the candidate will be required to possess a valid license to operate a motor vehicle in New York State.

DISTINGUISHING FEATURES OF THE CLASS

Under general supervision, an employee in this title performs technical work in environmental monitoring investigation and research in an assigned area. Work may involve the investigation of surface waters, sewage treatment plants, industrial plants, freshwater fisheries and shellfish biology, fresh water supplies or other areas of environmental concern. The incumbent may be responsible for completing special and difficult projects as assigned. Work is reviewed by an Environmentalist III or a technical or administrative supervisor through conferences and review of reports. Does related work as required.

TYPICAL WORK ACTIVITIES

Conducts investigations in the areas of habitat assessment and restoration, freshwater fisheries and shellfish biology;

Applies laboratory and field wet chemistry techniques for determination of environmental quality in both freshwater and estuarine habitats;

Samples, analyzes and evaluates air quality, sources of contamination, incinerators and fuel burning equipment;

Conducts investigations and prepares reports on air contamination, water purity, industrial pollution, waste treatment and disposal facilities;

Inspects and samples industrial and sanitary sewage treatment systems and investigates reports of improperly operating systems;

Investigates new industries for code violations, takes photographs and draws sketches;

Confers and works with representatives of local, state and federal environmental protection agencies.

KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS

Good knowledge of marine shellfish and freshwater fisheries; good knowledge of water chemistry; good knowledge of the principles, practices and techniques of environmental protection; good knowledge of federal, state and local laws pertaining to environmental protection; good knowledge of resource management sampling and analysis techniques; ability to establish and maintain good working relations with co-workers, and the general public; ability to maintain records and to prepare accurate and comprehensive reports; physical condition commensurate with the demands of the position.