

PRINCIPAL ENVIRONMENTAL ANALYST

Department: Environmental Control

Classification: Competitive

Specification Number: 2830

Approved: 1/7/24

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 in mathematics, one of the natural or physical sciences, environmental studies or a related field, plus six (6) years of experience in environmental protection and/or environmental education, two (2) years of which must have been in a responsible supervisory capacity.

NOTE: Graduate education in one of the above areas will be substituted on a year-for-year basis for up to two (2) years of the above non-supervisory experience.

PROMOTIONAL

One (1) year of permanent competitive status as a Senior Environmental Analyst.

DISTINGUISHING FEATURES OF THE CLASS

An employee in this title is involved in the performance of complex professional and scientific work of a highly technical nature in compiling and preparing scientific reports regarding various environmental planning and management issues, including, but not limited to the impact of municipal projects on the environment and ecosystems. The incumbent analyzes conditions and reports of surveys performed on regions under review, and determines immediate and long-range effects of projects on the environment. The incumbent exercises a considerable amount of independent judgment and initiative in the performance of the professional duties. The incumbent supervises lower-level Environmental Analysts. Work is reviewed by an administrative supervisor through conferences and written reports. Does related work as required.

TYPICAL WORK ACTIVITIES

Performs professional and scientific work in preparing and compiling reports, surveys and studies regarding the environmental impact of proposed roads, drainage projects, dredging areas, bridges and other structures and facilities;

Conducts, coordinates, implements and supervises environmental planning and/or studies, reports, surveys and the monitoring of programs dealing with a broad array of pollution control;

Develops and implements monitoring procedures to determine the immediate and long-range effects of public projects on the environment, especially those which directly affect town waterways, underground waters, wetlands and general ecological results, that may occur due to earthwork and construction of roads, bridges and related facilities;

Determines the effect on the environment of reconstructing or altering existing town roads, drainage facilities or structures;

May supervise the work of technical and clerical personnel.

KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS

Comprehensive knowledge of the principles, practices, methods and techniques of compiling and organizing scientific data to determine the impact on the environment; comprehensive knowledge of the methods and techniques used in Environmental Analysis; thorough knowledge of the current principles, practices, methods and techniques utilized in preserving and improving environmental conditions; thorough knowledge of the principles and practices involved in environmental planning related to pollution control and groundwater and surface water assessment, preservation and mitigation; thorough knowledge of the applicable federal, state and municipal laws and regulatory codes relevant to environmental protection; good knowledge of the modern developments, current literature and sources of information in the field of environmental sciences; ability to supervise others in a manner conducive to full performance and high morale; ability to systematically analyze and solve problems; ability to express oneself clearly and concisely, both orally and in writing; physical condition commensurate with the demands of the position.