

ENVIRONMENTAL TECHNICIAN

DISTINGUISHING FEATURES OF THE CLASS: This is technical work involving the collection and compilation of a variety of environmental information including information required for conducting hydrologic and geologic assessment of environmentally sensitive areas in connection with municipal planning. The incumbent serves as a source of information for environmental matters including applicable New York City watershed regulations. Provides advice and assistance to businesses, municipalities and others involved in the implementation of Best Management Practices (BMPs) such as storm water control. May oversee the work of subcontractors. The work is performed under the general supervision of Environmental Planner. Direct supervision is exercised over field crews collecting data. Does related work as required.

TYPICAL WORK ACTIVITIES: (Illustrative Only) Conducts field investigations to identify environmentally sensitive areas and records information regarding same including using a global positioning system (GPS). Utilizes GPS to map existing and proposed BMPs; Compiles and analyzes data to determine the need for BMPs; Reviews information about BMPs and assists in establishing a resource of known BMPs; Plans and assigns daily work activities of field crews involved in gathering information; Maintains records of field crew activities; Coordinates information gathering activities with the Planning Department's geographic information system staff; Works with other agencies such as soil and water conservation; New York State Department of Environmental Conservation, New York State Department of Health, New York City Department of Environmental Protection, etc. on environmental matters; Advises local municipalities and businesses in land use and environmental issues including relevant New York City Watershed regulations; Assists in the development of goals for the Planning Department and plans to achieve these goals; Assists in generating funds for the Planning Department through grant writing management and agreements with other agencies; Oversees the work of subcontractors. Prepares and maintains a variety of complex written records and reports; Attends meetings and conferences; Performs a variety of miscellaneous office/clerical work in connection with the day to day operation of the Planning Department.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL

CHARACTERISTICS: Good knowledge of principles, practices, purposes and techniques used in researching environmental factors; Good knowledge of the methods and techniques of collection and interpretation of data; Good knowledge of environmental sciences, geology, hydrology and soils; Working knowledge of planning, watershed management and environmental modeling; Working knowledge of use of the global positioning system in conjunction with environmental mapping; Working knowledge of the use of GIS in environmental planning; Ability to plan and supervise the work of others; Ability to prepare and maintain complex records and reports; Ability to present ideas clearly and effectively both orally and in writing; Ability to deal effectively with others; Ability to work independently; Good judgement; Initiative; Dependability; Physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS:

A. Graduation from a regionally accredited or New York State registered college with a Bachelors degree in environment sciences, environmental engineering, environmental planning or related field; OR

B. Graduation from a regionally accredited or New York State registered college with an Associates degree in the areas specified in [A] above or related field and two (2) years full-time paid or equivalent part-time paid experience in environmental planning, environmental management or similar work experience.

NOTE: A valid New York State driver's license may be required at time of appointment and maintained during employment

Adopted 7/30/99

Revised 8/6/01; 12/6/21

Reviewed 10/2/12; 11/30/21