

ENVIRONMENTAL TECHNICIAN (Public Works)

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 waste/resource management. The incumbent serves as a source of information for environmental matters, including applicable New York City watershed and/or New York State Department of Environmental Conservation (NYSDEC) regulations. Provides advice and assistance to businesses, municipalities, and others involved in the implementation of Best Management Practices (BMPs), such as storm water control, waste reduction, recycling, and/or resource management. May oversee the work of subcontractors. The work is performed under the general supervision of the Solid Waste Director. Direct supervision may be exercised over field crews collecting data. Does related work as required.

TYPICAL WORK ACTIVITIES: (Illustrative Only) Conducts field investigations to identify or monitor environmentally sensitive areas and records information regarding same; 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; May plan and assign daily work activities of field crews involved in gathering information; Maintains records of activities; Coordinates information-gathering activities with the Department's management and 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 and/or NYSDEC regulations; Assists in the development of goals for the department and plans to achieve these goals; Assists in generating funds for the department through grant writing, grant 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 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, waste and resource 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 and/or waste and resource management; Good knowledge of policies, procedures, regulations, and laws relative to the work performed; Good knowledge of safety precautions and occupational hazard mitigation; 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 judgment; Initiative; Dependability; Physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS:

A. Graduation from a college or university with a Bachelors degree in environmental sciences, environmental engineering, environmental planning, or related field; OR

B. Graduation from a college or university with an Associates degree in the areas specified in [A] above or a related field and two 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 is required at time of appointment and must be maintained during employment

NOTE: Your degree must have been awarded by a college or university accredited by a regional, national, or specialized agency recognized as an accrediting agency by the U.S. Department of Education/U.S. Secretary of Education. If your degree was awarded by an educational institution outside the United States and its territories, you must provide independent verification of equivalency. A list of acceptable companies who provide this service can be found on the Internet at <http://www.cs.ny.gov/jobseeker/degrees.cfm>. You must pay the required evaluation fee.

Adopted 7/30/99

Revised 8/6/01; 12/6/21; 9/20/23; 2/2/25

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