

City of Canandaigua – Vacancy

Candidate will be initially appointed on a provisional basis pending a civil service exam to be held at a later date.

WATERSHED PROGRAM TECHNICIAN

DISTINGUISHING FEATURES OF THE CLASS: This position is responsible for the performance of technical activities in planning, coordinating, and implementing water quality, nonpoint source pollution control and other conservation projects related to management of the Canandaigua Lake Watershed. Employees in this class assist the Program Manager and the Canandaigua Lake Watershed Council, the inter-municipal coalition of watershed municipalities, to identify sources of pollution and in the planning and implementing of land-based best management practices to reduce pollution, including stream stabilization, soil erosion control projects, and other conservation related activities. The incumbent will interact with local, State and Federal agencies, landowners and citizens in the planning and implementation of appropriate strategies and action plans to reduce lake pollution. The work is performed under the general supervision of the Program Manager. Does related work as required.

TYPICAL WORK ACTIVITIES:

Assists the Program Manager in community outreach programs and in supporting citizen efforts to reduce sources of lake and watershed pollution;

Assists in completing grant applications and in implementing and managing grant awards;

Collects technical data from stream and lake surveys, lab and other research initiatives to assess sources of pollution;

Assists in the design of model land use regulations relating to stormwater management, steep slopes, onsite wastewater management, shoreline regulations, lot coverage requirements, and other conservation-based regulations;

Assists in preparing GIS maps and technical reports for land use studies and other research efforts to assess sources of pollution and their impacts on soil, water and natural resources;

Assists in design and implementation of soil, water and land-based management measures, such as streambank and road bank stabilization, wetland restoration, and agricultural environmental management, to reduce the impact of land-based watershed pollution;

Collects data, interprets soil maps and prepares basic drawings and maps;

Completes drainage area studies using field and computer skills;

Maintains records and prepares reports related to the work;

Watercraft Steward during the boating season.

FULL PERFORMANCE KNOWLEDGE, SKILLS ABILITIES, AND PERSONAL CHARACTERISTICS: Good knowledge of the principles and practices of natural resource conservation with emphasis on water quality practices, watershed management, nonpoint source pollution control and general agriculture; good knowledge of methods and techniques of watershed management; good knowledge of conservation planning for the application of sound conservation practices; working knowledge of general agriculture and waste management systems; working knowledge of materials and procedures used in the construction of drainage systems, ponds, forest plantings and other conservation projects; working knowledge of survey and field research techniques; ability to read GIS and topographical maps, air photos and engineering designs; ability to understand and carry out written and oral instructions; ability to communicate effectively both orally and in writing; ability to get along well with others; accuracy; tact; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Graduation from high school, or possession of a high school equivalency diploma: AND, EITHER

1. Graduation from a regionally accredited or New York State registered two (2) year college with an Associate's Degree in Natural Resources Conservation, environmental technology, engineering technology; conservation, agriculture or a closely related field AND one (1) year of paid work experience, or its part-time equivalent, in soil and water conservation, watershed management, natural resource conservation, engineering or a closely related field; OR
2. Three (3) years of paid experience, or its part-time equivalent, in soil and water conservation, watershed management, natural resource conservation, engineering or a closely related field; OR
3. An equivalent combination of training and experience as defined by the limits of (1) and (2) above.

SPECIAL REQUIREMENT FOR APPOINTMENT: Possession of a valid New York State Operator's license at the time of appointment, and maintenance of such license throughout the tenure of employment in the position.