

STREAM MANAGEMENT PROGRAM MANAGER

DISTINGUISHING FEATURES OF THE CLASS: The work involves the shared responsibility for managing and directing the development of the Ashokan Watershed Stream Management Program along with three program partners which include the Ulster County Soil and Water Conservation District (UCSWCD), the New York City Department of Environmental Protection (NYCDEP) and the Cornell Cooperative Extension of Ulster County (CCE/UC). The position involves overseeing the UCSWCD's daily activities related to stream geomorphic assessment, restoration, monitoring and management in the Ashokan Reservoir watershed in the Catskill Mountains, which is part of the New York City Water Supply. The incumbent will coordinate all the work performed for this program as part of a five (5) year agreement between the UCSWCD and the NYCDEP, in support of the New York City Water Supply Filtration Avoidance Determination. Work is performed under the direct supervision of the Ulster County Soil and Water Conservation District Executive Director. General supervision is exercised over Ashokan Watershed Streamside Management Program Coordinator, project assistants, interns and volunteers. Does related work as required.

TYPICAL WORK ACTIVITIES: The typical work activities listed below, while providing representative examples of the variety of work assignments in the title, do not describe any individual position. Incumbents in this title may perform some or all of the following, as well as other related activities not described.

Manages and directs the development of the technical portions of the Ashokan Watershed Stream Management Program along with three Program partners which include the Ulster County Soil and Water Conservation District (UCSWCD), the New York City Department of Environmental Protection (NYCDEP) and the Cornell Cooperative Extension of Ulster County (CCE/UC);

Oversees and provides professional leadership in the daily activities related to stream geomorphic assessment, restoration, monitoring and management in the Ashokan Basin;

Coordinates all the work performed by UCSWCD for the Ashokan Watershed Stream Management Program as part of a five (5) year agreement between the UCSWCD and the NYCDEP, in support of the New York City Water Supply Filtration Avoidance Determination;

Manages and coordinates short and long range project planning, stream assessments, plan development, implementation, evaluation and modification, in conjunction with the CCE/UC and the NYCDEP;

Prepares annual Ashokan Watershed Stream Management Program Action Plans with CCE/UC and NYCDEP;

Meets and communicates with subcontractors, consultants and stakeholders with regards to the Ashokan Reservoir watershed, throughout the term of the agreement;

Assists streamside landowners and other stream management stakeholders in assessing stream conditions and treatment options if needed;

Coordinates development of stream restoration designs and construction funded by the NYCDEP and other funding entities;

Supervises the Ashokan Watershed Streamside Assistance Program Coordinator, project assistants, interns, and volunteers on UCSWCD led activities;

Works with the UCSWCD Executive Director in the preparation and tracking of permit applications and environmental reviews;

Works with the UCSWCD Executive Director in the management of the five (5) year contract with the NYCDEP and applying for grants and contracts to enhance the work of projects as needed;

Works closely with the Project Partners to plan and implement at least five (5) watershed and stream geomorphic assessments and five (5) riparian corridor vegetation mapping projects over the five (5) year contract period;

Works with NYCDEP Project Manager & UCSWCD Executive Director to elect research assistant interns for summer stream assessment activities;

Works with the NYCDEP and other Project Partners on data organization, analysis, record keeping, database management and the compilation of results, conclusions and recommendations;

Provides Geographical Information System (GIS), Ground Positioning System (GPS) and Computer Aided Design (CAD) technical support for stream management activities;

Assists the UCSWCD Director in developing contracts for the acquisition of consultant services as needed;

Evaluates program on a regular basis with Project Partners to improve effectiveness of program delivery;

Gives public presentations on stream management topics as needed;

Participates in regional and/or statewide initiatives/conferences that pertain to project issues;

Coordinates and submits quarterly reports to the NYCDEP, and updates partnering agencies and organizations as needed;

Schedules monthly meetings with NYCDEP and UCSWCD.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS: Good knowledge of federal, state, and local laws, rules and requirements relating to watershed and water conservation programs; good knowledge of the principles, practices and procedures of watershed and stream geomorphic assessment (with preference for experience with Rosgen methods); good knowledge of GIS, GPS and CAD equipment and software and field assessment techniques for collecting, analyzing and

interpreting statistical data; working knowledge of natural channel design and restoration techniques using applied fluvial geomorphology; working knowledge of local geography and physical resources; skill in the use of a variety of hand and power tools and electronic data instruments; ability to secure the cooperation of others and to deal effectively with a wide variety of governmental agencies, municipalities or individuals; ability to prepare and present statistical and narrative reports both orally and in writing; ability to communicate effectively both orally and in writing; initiative; tact; courtesy; resourcefulness; physical condition commensurate with the demands of the position; physical

MINIMUM QUALIFICATIONS: Either:

- A. Graduation from a regionally accredited or New York State registered college or university with a Master's Degree in Hydrology, Geology, Biology, Environmental Science, Natural Resources Management or a closely related field specifically related to watershed management or natural resource planning, and two (2) years of experience in water resource protection or watershed management, urban or regional natural water resource planning including practical field experience and program development; **OR**
- B. Graduation from a regionally accredited or New York State registered college or university with a Bachelor's Degree in Hydrology, Geology, Biology, Environmental Science, Natural Resources Management or a closely related field specifically related to watershed management or natural resource planning,

and four (4) years of experience in water resource protection or watershed management, urban or regional natural water resource planning including practical field experience and program development; **OR**

C. An equivalent combination of training and experience as designated in A and B above.

Note: At time of appointment, and throughout employment in this title, candidate must possess and maintain a valid Driver's License appropriate to the vehicles operated.

ULSTER COUNTY
6981 STR MGT PM
Classification: Competitive
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Adopted: March 10, 2009