

STREAMSIDE ASSISTANCE PROGRAM COORDINATOR

DISTINGUISHING FEATURES OF THE CLASS: The work involves responsibility for the development and implementation of an enhanced Streamside Assistance Program (SAP) by focusing on protecting, enhancing and restoring streamside buffers in the Ashokan Reservoir watershed. It involves working collaboratively with the New York City Department of Environmental Protection (NYCDEP) and the NYC-West-of Hudson Riparian Buffer Committee to provide support to private landowners in need of riparian enhancements as well as coordinating all the work performed. The incumbent will oversee Ulster County Soil and Water Conservation District's (UCSWCD) daily activities by providing technical and educational assistance to the streamside landowners, utilizing geomorphic assessment and restoration methods to protect water quality in the upstate New York City Water Supply. The incumbent will coordinate all the work performed for this part of the program as part of a five year agreement between the UCSWCD and the NYCDEP, in support of the New York City Water Supply Filtration Avoidance Program. Work is performed under the direct supervision of the Ulster County Soil and Water Conservation District Manager and the Stream Management Program Manager. General supervision is exercised over 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.

Coordinates, develops and implements an enhanced Streamside Assistance Program (SAP) in the Ashokan Reservoir watershed;

Coordinates with the Riparian Buffers Working Group, the protection, enhancement and restoration of streamside buffers along streams and waterways in the Ashokan Reservoir watershed;

Prioritizes potential areas for program activity using stream management plans and other existing resources;

Conducts site visits to recruit new landowners the program, and determines parcel eligibility;

Assesses riparian buffer conditions on landowner properties, and if necessary develops site specific buffer designs and work plans for the establishment of new streamside buffers, including follow up monitoring and reporting of project progress;

Oversees UCSWCD's daily activities in the Streamside Assistance Program, by providing technical and educational assistance to the streamside landowners;

Performs field work for stream inventory and data collection, assessment of geomorphic stability and ecological health of streams, vegetation monitoring of both non-invasive and invasive species and establishes and monitors experimental treatment projects as part of the Program Team;

Conducts GIS mapping of vegetative communities along stream corridors using aerial photography and field verification;

Organizes and converts data into usable formats from various field work sources; i.e. stream inventory and data collection, assessment of geomorphic stability and geological health of streams, vegetation monitoring, and the establishment and monitoring of experimental treatment projects;

Incorporates stream and ecological assessments using information from Geological Information System (GIS), Ground Positioning System (GPS) and Computer Aided Design (CAD) based information, riparian buffer techniques, bioengineering practices and general water quality Best Management Practices (BMP's) into Riparian Buffer Management Plans;

Assists the Cornell Cooperative Extension of Ulster County (CCE/UC), which is a project partner in the Streamside Assistance Program, in the development and implementation of the education and outreach effort focused on riparian buffers

Writes and edits reports to assist in the preparation of presentations, permit applications and grant proposals;

Hosts and participates in workshops with the NYCDEP and CCE/UC, and may include preparation of written and/or materials for presentation;

Assists in the establishment of a UCSWCD's native plant nursery and the procurement of plant stock for buffer restoration;

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); working 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; skill in the use of a variety of hand and power tools and electronic data instruments; ability to become familiar with local geography and physical resources; 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; tact; courtesy; resourcefulness; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Either:

- A. Graduation from a regionally accredited or New York State registered college or university with a Bachelor's Degree in Natural Resources Management, Forestry, Landscape Design, Environmental Science, or a closely related field specifically related to watershed management or natural resource planning, and two (2) years of work experience in riparian assessment, management and/or restoration; **OR**
- B. Graduation from a regionally accredited or New York State registered college or university with a Associate's Degree Natural Resources Management, Forestry, Landscape Design, Environmental Science or a closely related field specifically related to watershed management or natural resource planning, and four (4) years of work experience in riparian assessment, management and/or restoration; **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
AST PC
6983 STS AST PC
7/29/09)
Classification: Competitive
08/20/2009
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(ODPO 8479)

Revises: STR

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Revised: