

STREAM RESTORATION COORDINATOR

439-O

DISTINGUISHING FEATURES OF THE CLASS: This position exists in the Sullivan County Soil & Water Conservation District (SCSWCD) and involves the responsibility for river assessment and project design/execution focused on protecting, enhancing and restoring streamside buffers in the Rondout and Neversink Basins of the New York City watershed. The Stream Restoration Coordinator will be responsible for providing technical assistance and developing projects in the Rondout and Neversink Basins. The Stream Restoration Coordinator will work in a multi-discipline team to protect, enhance and restore riparian buffers along streams and waterways in the Rondout and Neversink Basins of the Catskill Mountains region. Work is performed under the direct supervision of the District Manager of the Sullivan County SWCD.

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.*

Works in close collaboration with SCSWCD and DEP staff to follow existing Program guidelines for the conservation and restoration of riparian buffers in the Rondout/Neversink basins;

Performs river assessments and monitors watershed conditions and changes;

Monitors restoration projects and maintenance on annual schedule;

Supervises construction for restoration project implementation;

Analyzes local flood outreach and provides BMP technical assistance for Highway Department stakeholders;

Coordinates and reviews projects from outside consultants on hydraulic and hydrologic modeling and civil engineering;

Works with hydraulic and engineering modeling software including HEC-RAS, RIVERMorph and AutoCAD to develop in-house designs for stream restoration projects;

Maintains develops annual schedule of project site maintenance (assignments assigned via SH);

Maintains coordinated flood responses and provides local flood analysis outreach to DPW and residents with annual map of activities;

Coordinates Flood Responses;

Outreach with landowners at potential project sites, and explain program objectives, process and commitments;

Performs field work, including but not limited to, stream inventory and data collection, assessment of geomorphic stability and ecological health of streams, vegetation monitoring, Japanese knotweed monitoring and experimental treatments projects and re-vegetation of streamside buffers;

Plans and interfaces with Research Committee/Partners;

Uses surveying equipment for field collection of geomorphic stream data;

Organizes and converts field-collected data into usable format for archival use and/or reporting;

Provides public information and programs including workshops, PowerPoint slides and presentations, newsletters and articles;

Primary responsibility for transport of RNSP equipment trailer between Liberty office garage and project sites;

Attends meetings and other functions as required;

May facilitate or assist with workshops and public meetings;

Performs other duties as needed.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL

CHARACTERISTICS: Good knowledge of federal, state and local laws, rules and regulations related to watershed and water restoration programs; good knowledge of principles of natural resources conservation with emphasis on soil and water conservation; good knowledge of the principles of native plant restoration with preference to experience with native plant communities of the Catskill Mountains; working knowledge of GIS/GPS, differential leveling, total station survey, and engineering design, equipment and software; ability to collect, analyze and interpret statistical data; ability to plan and supervise the work of others; ability to deal effectively with the public as well as a variety of governmental agencies, municipalities and landowners; ability to work productively with people from a diverse range of cultural backgrounds; ability to express oneself clearly, both orally and in writing; ability to operate a personal computer and utilize common office software programs, including word processing, spreadsheets, presentations and databases; ability to lift up to 75 pounds; tact; courtesy; and initiative.

MINIMUM QUALIFICATIONS: Either:

- (A) Graduation from a New York State registered or regionally accredited college or university with a Master's Degree in natural resource management, forestry, landscape design, natural science, environmental science or engineering, hydrology, hydrogeology or related field; or
- (B) Graduation from a New York State registered or regionally accredited college or university with a Bachelor's Degree in natural resource management, forestry, landscape design, natural science, environmental science or engineering, hydrology, hydrogeology, or related field, and one (1) year of related work experience; or
- (C) Graduation from a New York State registered or regionally accredited college or university with an Associate's Degree in natural resource management, forestry, landscape design, natural

science, environmental science or engineering, hydrology, hydrogeology, or related field, and three (4) years of related work experience; or

(D) An equivalent combination of training and experience as defined by the limits of (A) (B) and (C) above.

NOTE: Your degree or credits 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 or credits were awarded by an educational institution outside of 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: <https://www.cs.ny.gov/jobseeker/degrees.cfm>. You must pay the required evaluation fee.

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