

RIPARIAN FIELD TECHNICIAN

DISTINGUISHING FEATURES OF THE CLASS: This position exists in the Sullivan county Soil & Water Conservation District (SC SWCD) and involves carrying out stream management plans that identify stream stability restoration projects to minimize suspended sediment input in the water supply reservoirs in support of New York City's mandate to deliver high quality water to its residents from Catskill Mountain watersheds. This position has responsibility for supporting the staff team in the Rondout and Neversink Basin with tasks in all phases of Stream Management Program project work including: survey to assess stream conditions; plant maintenance and invasive species monitoring; production and procurement of bioengineering supplies; staging and installing riparian restoration projects; and education and outreach. Work is performed under the direct supervision of the Stream Program Coordinator and general 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.*

Supports staging and installation of riparian restoration projects, including plant maintenance tasks

and coordination and supervision of volunteer and student work teams;

Lifts plants material, trees/shrubs which may weigh as much as 75 pounds for potting, planting and

Bioengineering installations;

Leads work team for invasive species removal;

Utilizes Geographic Information System (GIS) and Geographic Positioning System (GPS) to

organize and convert field collected data into usable format for archival, reporting and

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Educational purposes; records data on water quality, soils, plant community characterization

(including invasive species) hydrology and hydraulics;

Organizes the procurement and production of bioengineering supplies including willow harvest,

storage and processing in conjunction with Stream Management Program projects;

Operates and maintains in good working condition all program vehicles, tools and equipment

including truck, chainsaw, power auger, water pumps and other small engines;

Assists staff in securing permission from private and public landowners for property access;

Assists with stream and floodplain topographical surveys and field collection of geomorphic

stream data;

Assists with the preparation of public information programs, including workshops, announcements,

photographs, brochures, websites, maps, slides and presentations, newsletters, etc. relating to

stream and riparian buffer management programs.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES, AND PERSONAL CHARAC-

TERISTICS: Good knowledge of federal, state and local laws relating to watershed conservation

programs; Good knowledge of the principles of natural resource conservation with emphasis on soil

and water conservation; and invasive species monitoring and eradication practices; working

knowledge of small engines (i.e., chainsaw, water pump for irrigation); Working knowledge of GIS

and GPS equipment and software; Ability to collect, analyze and interpret statistical data; Ability to

Understand and interpret engineering plans and descriptive specifications; Ability to plan and

supervise the work of others; ability to speak and write clearly; Ability to engage in conversation

effectively for outreach with the public and a variety of governmental agencies, Towns officials and

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landowners; Ability to work productively with people from a diverse range of cultural backgrounds;

Ability to carry out independent projects with fast-paced, weather –dependent schedules.

MINIMUM QUALIFICATIONS: Either:

- (A) Graduation from a New York state registered or regionally accredited college or university with a Bachelor’s Degree or higher 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 an Associate’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) An equivalent combination of training and experience as defined by the limits of (A) and (B) 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.