



## **SWCD Engineer**

*(Hiring Immediately)*

*Cortland County Soil and Water Conservation District*

*100 Grange Place*

*Cortland, New York 13045*

*607-756-5991*

This is a permanent, full-time, professional position requiring knowledge of engineering theory and principals and the ability to apply this knowledge in evaluating and preparing plans, proposals, reports, designs, specifications and estimates for complex engineering projects involving all aspects of Soil and Water Conservation District (SWCD) programs in Cortland County. The incumbent in this position will be responsible for design, engineering approval and construction oversight of water related conservation projects including stream restoration/stabilization design around municipal and private infrastructure, municipal storm-water management and agricultural best management practice implementation. This position is afforded a high level of autonomy and considerable latitude to exercise independent judgment and decision making in carrying out assignments. This position works under the general supervision of the Conservation District Manager and works directly with consultants, contractors, and other staff to complete assigned tasks. Supervision and oversight of consultants, contractors and staff may be required. The incumbent will perform all related duties as required.

### **Examples of Work Activities:**

- Supervises geomorphic data collection, organization, and management; assist with data analysis and the compilation of results, conclusions and recommendations.
- Performs flood routing, storm water runoff, and hydraulic and hydrologic analyses on a watershed.
- Prepares design calculations, quantity estimates, and probable cost estimates for proposed projects.
- Prepares or directs the preparation of complex project designs, proposals, specifications, estimates and contract proposals for water quality related projects.
- Approves designs for soil and water quality restoration projects on public and other private lands.
- Supervises construction of conservation projects and attends project meetings.
- Cooperates with involved local, regional, state and federal government agencies on projects and permits.
- Edits technical sections of SWCD plans, reports, etc.

### **Applicant Qualifications:**

- a. Professional Engineers License for the State of New York, AND
- b. Graduation from a regionally accredited or New York State approved four-year college or university with a bachelor's degree in Engineering AND eight years of experience in the design and construction of conservation practices, stream restoration practices, or storm water management and erosion and sediment control or related practices; OR
- c. Graduation from a regionally accredited or New York State approved two-year college with an associate degree in Engineering related field AND ten years of experience in the design and construction of conservation practices, stream restoration practices, storm water management and erosion and sediment control, or related practices; OR
- d. Any equivalent combination of training and experience as described in (a), (b), and (c) above.

### **Salary and Benefits:**

Competitive pay - \$40-50/hour commensurate with experience. Health Insurance, NYS Retirement, Generous Sick and Annual Leave

**TO APPLY** send resume and cover letter to:

Amanda Barber, District Manager  
Cortland County SWCD  
100 Grange Place, Room 202  
Cortland, NY 13045

Or

Fax: 607-756-0029  
Email: amanda.barber@cortlandswcd.org

A Cortland County Civil Service application <http://www.cortland-co.org/266/JobExam-Application> is also required to determine eligibility of all candidates. Send to:

Cortland County Personnel  
60 Central Ave  
Cortland, NY 13045-2746

Or

Fax: 607-758-5517  
Email: pdmarano@cortland-co.org