

SOIL AND WATER RESOURCE SPECIALIST

Code No. 4-14-163

COMPETITIVE

DISTINGUISHING FEATURES OF THE CLASS: This position is responsible for assisting in the development and implementation of soil and water management activities for the Monroe County Soil and Water Conservation District. Work involves contact with local government agencies, developers, contractors and other agencies in order to promote a viable soil and water management program. The employee must be able to walk through rough construction sites and work in variable weather conditions. The employee reports directly to and works under general supervision of the Executive Director. Does related work as required.

TYPICAL WORK ACTIVITIES: (All need not be performed in a given position. Other related activities may be performed although not listed)

Assists in the development of stormwater management guidelines to protect and enhance water quality and meet relevant New York State Department of Environmental Conservation requirements;

Assists with training new staff on New York State Department of Environmental Conservation requirements and soil and water resource management practices;

Assists in the review of Stormwater Pollution Prevention Plans for water quality impacts;

Assists with the development and submission of grant proposals, and associated reporting requirements;

Provides technical assistance to ensure proper installation of Stormwater Pollution Prevention Plans as related to water quality issues;

Develops informational material to promote proper soil and water resource management;

Works with the Monroe County Water Quality Coordinating Committee, the Stormwater Coalition of Monroe County and participating local municipalities;

Makes field visits to construction sites and completes construction inspection reports.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS: Good knowledge of land use impacts on water quality; good knowledge of engineering techniques as related to soil erosion, and sedimentation; good knowledge of erosion and sediment control as related to stormwater runoff; good knowledge of New York State Standards and Specifications for Erosion and Sediment Control and regulations governing soil and water management; organizational ability; analytical ability; ability to develop and implement management guidelines; ability to establish and maintain effective working relationships; ability to provide training, guidance and information to others; ability to obtain information from technical and non-technical persons related to complex water quality issues; ability to make field visits to rough construction sites; ability to work in inclement weather; ability to prepare and maintain records and reports; good judgment; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Graduation from high school or possession of an equivalency diploma plus EITHER:

- (A) Graduation from a regionally accredited or New York State registered college or university with an Associate's degree in Geology, Hydrology, General Biology, Microbiology, Entomology, General Botany, General Inorganic Chemistry, Organic Chemistry, Biochemistry, Physical Chemistry, Civil, Agricultural or Environmental Engineering, Soil Science or Natural Resource Science, plus five (5) years of paid full-time or its part-time equivalent experience in soil and water resource management; OR,
- (B) Graduation from a regionally accredited or New York State registered college or university with a Bachelor's degree in Geology, Hydrology, General Biology, Microbiology, Entomology, General Botany, General Inorganic Chemistry, Organic Chemistry, Biochemistry, Physical Chemistry, Civil, Agricultural or Environmental Engineering, Soil Science or Natural Resource Science, plus three (3) years of experience as defined in (A) above; OR,
- (C) Graduation from a regionally accredited or New York State registered college or university with a Master's degree in Geology, Hydrology, General Biology, Microbiology, Entomology, General Botany, General Inorganic Chemistry, Organic Chemistry, Biochemistry, Physical Chemistry, Civil, Agricultural or Environmental Engineering, Soil Science or Natural Resource Science, plus one (1) year of experience as defined in (A) above; OR,
- (D) A Certified Professional in Erosion and Sediment Control (CPESC)*; OR,
- (E) An equivalent combination of education and experience as defined by the limits of (A), (B) (C), and (D) above.

*must submit copy of Certificate at the time of application.

SPECIAL REQUIREMENT: Must be a Certified Professional in Erosion and Sediment Control (CPESC) at the time of appointment or obtain certification during the probationary period. Certification is issued by CPESC, Inc.

If you are appointed, you will be required to possess a valid license to operate a motor vehicle in New York State, or otherwise demonstrate your capacity to meet the transportation needs of the position.

ADOPTED: December 14, 1993
REVISED: December 9, 2010
REVISED: January 27, 2011