

## SENIOR RESOURCE CONSERVATION SPECIALIST - 3135

### **General Definition of Work:**

Performs difficult professional work providing natural resource conservation services and education programs; does related work as required. Work is performed under the general supervision of the Commerce Director.

### **Essential Functions/Typical Tasks:**

**Assisting the Commission to develop and administration of programs to reduce flooding and improve water quality; evaluating natural resource management problems and needs; advising and assisting landowners; conducting soil investigations; administering conservation programs; maintaining records and files; preparing reports.**

*(These are intended only as illustrations of the various types of work performed. The omission of specific duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.)*

- Explores and supervises work to reduce flooding, improve water quality and quantity and provide land protection, erosion control, stormwater management and water storage.
- Assists with stream restoration and wetland preservation.
- Lays out, surveys, designs and supervises construction of ponds, waterways, diversion ditches, tile and open drain ways, spring developments, pipelines, livestock waterers, animal waste management systems and earthen storage facilities.
- Administers State cost-share incentive program; analyzes problem, estimates cost, calculates erosion reduction, completes application form and certifies cost-share need; certifies correct installation.
- Advises and assists land users in carrying out a variety of natural resource conservation projects.
- Helps land users analyze problems and recommends solutions.
- Conducts educational programs and makes demonstrations to create awareness of conservation needs.
- Inspects site, conducts soil investigations and conducts engineering surveys.
- Helps landowners establish resource conservation plans.
- Ensures and documents that practices are installed and maintains.
- Estimates annual soil erosion rates.
- Prepares and updates animal waste management, soil, water, forest and wildlife resource management plans.
- Assists landowners to obtain necessary permits.
- Ensures discrepancies are corrected.
- Provides technical assistance to implement USDA cost share incentive programs.
- Attends and participates in various board and commission meetings.
- Performs related tasks as required.

### **Knowledge, Skills and Abilities:**

Thorough knowledge of the principles, practices and techniques of soil and water conservation in rural areas; general knowledge of the various guidelines, policies, ordinances and regulations pertaining to soil and water conservation and land development and management; ability to plan, organize and carry out projects effectively; ability to present the results of research and recommendations effectively in oral, written or graphic form; ability to solve problems within scope of responsibility; ability to establish and maintain effective working relationships with land owners, land users, associates, government officials and the general public; skill in the use of basic engineering surveying equipment.

### **Education and Experience:**

Any combination of education and experience equivalent to graduation from an accredited college or university with major course work in soil conservation, agronomy or related field and considerable experience in soil and water conservation work.

### **Physical Requirements:**

This is light work requiring the exertion of 20 pounds of force occasionally, and up to 10 pounds of force frequently to move objects; work requires climbing, balancing, stooping, reaching, walking, grasping, and repetitive motions; vocal communication is required for expressing or exchanging ideas by means of the spoken word; hearing is required to perceive information at normal spoken word levels; visual acuity is required for depth perception, preparing and analyzing written or computer data, visual inspection involving small defects and/or small parts, operation of machines, operation of motor vehicles or equipment, determining the accuracy and thoroughness of work, and observing general surroundings and activities; the worker is subject to outside environmental conditions, extreme cold, extreme heat, hazards, and atmospheric conditions.

### **Special Requirements:**

Possession of an appropriate driver's license valid in the State of North Carolina.