

SENIOR CONSERVATION SPECIALIST

FUNCTION OF THE JOB

Under supervision, to perform senior level professional work in the coordination and implementation of County, State, and Federal soil and water conservation programs; and to perform other duties as required.

CHARACTERISTIC DUTIES AND RESPONSIBILITIES

1. Coordinates and implements County, State, and Federal land and water resources management programs including administration of relevant County ordinances.
2. Reviews and evaluates environmental quality problems in areas such as runoff pollution, soil erosion, stormwater management, wetland degradation, natural area protection, land reclamation, and wildlife habitat management and recommends economically feasible solutions consistent with conservation requirements and regulations.
3. Conducts review of proposed construction, development, or non-metallic mine reclamation plans for compliance with regulations and land use plans, including alternatives analysis and development of recommendations.
4. Performs surveys for the planning, design, and evaluation of conservation structures or systems; and performs complex engineering computations and executes computer programs relating to hydrology and stormwater management.
5. Performs geographic information systems mapping and database management functions, and computer aided drafting.
6. Provides and interprets technical and engineering information and assistance; communicates with project engineers and architects regarding required changes to development plans; and acts as a liaison for contracted engineering work.
7. Provides technical assistance and information and educational programs or materials to various units of government and the general public on a variety of land, water, and other environmental resources issues.
8. Provides direction and technical assistance to other employees; and reviews work in progress.
9. Performs site evaluations and inspections; monitors compliance with conservation plans and regulations; and initiates enforcement action.
10. Coordinates the implementation of approved conservation programs with local, state, and federal natural resource and conservation agencies.
11. Maintains accurate and detailed records; and prepares and presents reports, recommendation, and presentations.
12. Establishes and maintains effective working relationships with other employees, landowners, developers, engineering firms, other governmental agencies, local municipalities, and the public.
13. Performs other duties as required.

QUALIFICATIONS

Essential Knowledge and Abilities

1. Considerable knowledge of the current principles and practices of land and water resources management and natural resource management, including soil and water conservation, stormwater management, and erosion control.
2. Considerable knowledge of federal, state, and local programs, laws, and regulations regarding natural resource management.
3. Considerable knowledge of geographic information systems and how they relate to land use and natural resources planning.

QUALIFICATIONS

Essential Knowledge and Abilities (continued)

4. Considerable knowledge of hydrology and water quality monitoring principles, practices, and methods.
5. Considerable knowledge of the current principles and practices of land use planning and engineering, especially as applied in soil and water conservation.
6. Ability to make complex mathematical computations, and to use surveying and computer equipment.
7. Ability to read and interpret technical information such as soil, wetland, and topographical maps, aerial photos, and subdivision and other development plans.
8. Ability to perform geographic information systems mapping and database management functions.
9. Ability to analyze a variety of information and make appropriate recommendations.
10. Ability to effectively plan and organize multiple projects and timelines.
11. Ability to communicate effectively, both verbally and in writing, including the use of presentation software.
12. Ability to prepare and maintain accurate and detailed information, records, and reports.
13. Ability to establish and maintain effective working relationships other employees, landowners, developers, engineering firms, other governmental agencies, local municipalities, and the public.
14. Ability to effectively interact with sensitivity with persons from diverse cultural, socioeconomic, educational, racial, ethnic, and professional backgrounds, and persons of all ages and lifestyles.

Training and Experience

1. Graduation from an accredited college or university with a bachelor's degree in soil and water conservation, environmental or land use planning, natural resource management, civil engineering, soil science, water resource management, or a closely related field.
2. Two (2) years of responsible, professional work experience in natural resource management, hydrology, construction erosion control, stormwater management, or a closely related field.