

Classification Title: Senior Soil Scientist

FLSA Status: Exempt

BRIEF DESCRIPTION: Manages the technical assistance program that provides advanced regulatory and administrative services regarding wells, on-site wastewater systems, residuals and public swimming pools. Oversees regulatory interpretation and enforcement activities. Manages the agreement and work plan between the County and the North Carolina Department of Environment and Natural Resources, Division of Water Quality.

ESSENTIAL FUNCTIONS:

This information is intended to be descriptive of the key responsibilities of the position. The following examples do not identify all duties performed by any single incumbent.

S Sedentary	L Light	M Medium	H Heavy	V Very Heavy
Exerting up to 10 lbs. occasionally or negligible weights frequently; sitting most of the time.	Exerting up to 20 lbs. occasionally, 10 lbs. frequently, or negligible amounts constantly OR requires walking or standing to a significant degree.	Exerting 20-50 lbs. occasionally, 10-25 lbs. frequently, or up to 10 lbs. constantly.	Exerting 50-100 lbs. occasionally, 10-25 lbs. frequently, or up to 10-20 lbs. constantly.	Exerting over 100 lbs. occasionally, 50-100 lbs. frequently, or up to 20-50 lbs. constantly.

#	Code	Essential Functions
1	L	Characterizes and interprets soils to ascertain suitability for sewage treatment and disposal systems and other urban land uses. Reviews plans, permitting and inspections for wastewater disposal systems. Reviews work of soil scientists and engineers and others for quality assurance purposes.
2	M	Conducts conferences and field consultations to address problematic sites, sites with special soil constraints and sites proposed for installation of large systems or systems of a modified, alternative, innovative or experimental nature. Applies appropriate laboratory techniques in examinations. Records and documents findings.
3	L	Prepares and reviews technical reports, permits, enforcement actions and correspondence. Addresses technical development oriented and environmental concerns. Compiles records, prepares documents and makes presentations in legal proceedings. Testifies as an expert witness in the courtroom.
4	M	Reviews, approves permits or denies designs and pursues regulatory enforcement for selected waste disposal systems. Field inspects and tests systems, including all electrical and mechanical components, lift stations, collection and pretreatment systems.
5	M	Provides technical assistance to owners and operators, engineers, developers and other interested parties or the public. Provides education, presentations and seminars on a variety of environmental issues.

CLASSIFICATION REQUIREMENTS:

CLASSIFICATION REQUIREMENTS	
Education	Bachelor's degree in Soil Science or related field.
Experience	Four years experience in soil science or wastewater disposal.
Equivalent Education & Experience Accepted?	Yes
Certification and Other Requirements	Valid driver's license, Registered Sanitarian, Soil Scientist Licensure.
Reading	Advanced
Math	Advanced
Writing	Advanced
Managerial	Receives Limited Direction.
Budget Responsibility	Researches documents, compiles data for computer entry, and/or enters or oversees data entry. Has responsibility for monitoring budget expenditures (typically non-discretionary expenditures).
Supervisory / Organizational Control	Work requires managing and monitoring work performance by directing subordinate supervisors or administrators including making final decisions on hiring and disciplinary actions, evaluating program/work objectives and effectiveness, and realigning work and staffing assignments, as needed.
Interpersonal / Human Relations Skills	Work requires frequent and regular contact with others in a direct reporting relationship as well as others outside of a direct reporting relationship. The purpose of the contact is to address specific issues and/or general policies. Contact may involve support of controversial positions or the negotiation of sensitive issues. Evaluates customer satisfaction, develops cooperative associations and relationships, and utilizes resources to continuously improve external customer relations and satisfaction. Makes presentations and answers questions with regard to presentation materials and findings.

OVERALL PHYSICAL STRENGTH DEMANDS:

Sedentary	Light	Medium	X	Heavy	Very Heavy
Exerting up to 10 lbs. occasionally or negligible weights frequently; sitting most of the time.	Exerting up to 20 lbs. occasionally, 10 lbs. frequently, or negligible amounts constantly OR requires walking or standing to a significant degree.	Exerting 20-50 lbs. occasionally, 10-25 lbs. frequently, or up to 10 lbs. constantly.		Exerting 50-100 lbs. occasionally, 10-25 lbs. frequently, or up to 10-20 lbs. constantly.	Exerting over 100 lbs. occasionally, 50-100 lbs. frequently, or up to 20-50 lbs. constantly.

MACHINES, TOOLS, EQUIPMENT, AND WORK AIDS:

Hand and power tools, soil gathering devices, measuring devices, cameras, computers, printers and related software

PRIMARY WORK LOCATION	
X Office Environment	Shop
Clinic	Vehicle
Recreation Centers/Neighborhood Centers	Warehouse
Outdoors (see 1 below)	Other (see 2 below)

(1) N/A

(2) N/A

PROTECTIVE EQUIPMENT REQUIRED:

Steel toed boots, hard hat, safety glasses, reflective vest