

ENVIRONMENTAL SPECIALIST II

CODES/PAY RANGE

Class Code: 3614

EEO Code: B

Pay Range: 213

MAJOR FUNCTION

Environmental Management

Responsible, professional work conducting and managing environmental projects, studies and programs; or performing complex field sampling and laboratory work and analysis.

Land Acquisition and Management

Responsible, professional work developing, implementing and managing conservation land management projects, studies and programs.

Leisure Services

Responsible for supervision and administration of specific animal care and related programs at the Marine Science Center

ILLUSTRATIVE DUTIES

(NOTE: 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.)

Environmental Management

Manages environmental projects, studies or programs dealing with domestic waste, industrial waste, solid waste, hazardous waste, air, noise, wetlands, groundwater management, and other programs, as required. Completes reporting requirements associated with program, studies, grants, etc.

Coordinates and monitors all research, negotiations, and paperwork for permit applications for salt marsh dredge and fill projects. Provides public assistance and information through citizen contact. Inspects pollution control facilities (air, water, and solid waste) and natural resource features. Provides expert testimony in prosecution cases as needed.

Makes presentations at public hearings and other public meetings. Conducts field tours on proposed projects to support field data. Assists in the performance of environmental assessments. Conducts special environmental studies. Performs in-depth reviews of environmental assessments and environmental impact statements.

Organizes and conducts sampling programs. Supervises and coordinates all laboratory and field chemical analytical testing and sampling activities. Collects and prepares samples for laboratory and physical analysis. Prepares and maintains reports on results of analysis.

Organizes and supervises pollution control surveys, air and water monitoring programs, and special environmental studies.

Supervises subordinate personnel, students, volunteers, etc. as required. Acts as technical advisor to the activity and division directors, and County Manager, as required.

Land Acquisition and Management

Develops, manages and implements land management projects and provides oversight of, studies, leases or programs dealing with prescribed fire, invasive species, timber management, natural resource education, monitoring, natural communities, vegetation and wildlife. Evaluates data to determine management needs and effects of management activities. Obtains necessary permits from local, state and federal agencies. Completes reporting requirements associated with programs, studies, grants, etc.

Conducts, plans and supervises prescribed burning and other land management activities for natural resource enhancement. Prepares and implements land management plans for natural resource management, restoration and public use potential.

Makes presentations, responds to public inquiries and conducts tours of conservation properties.

Supervises subordinate personnel, interns, volunteers, contract staff, etc. as required.

Acts as technical advisor to the activity, division and department directors, and County Manager, as required.
Coordinates site specific land and resource activities with other divisions and governmental agencies.

Performs related work as required.

Leisure Services

Supervises all rehabilitation activity and is the primary animal care provider within their area of responsibility. Plans work responsibilities and schedules for subordinates. Provides training for subordinates to advance their skills in assisting with the rehabilitation.

Ensures that established medical protocols and treatments are followed when providing animal care. Responsible for the operation and maintenance of complex diagnostic lab equipment. Assists veterinarian in performing necropsies, surgical procedures and related work. Maintains proper quarantine and sterilization techniques. Responsible for general housekeeping in work area. Keeps daily medical records for the monthly and annual reports for the state and federal permits. Obtains and renews required state and federal rehabilitation permits. Acts as liaison with state and federal officials.

Makes public presentations as necessary.

Performs related work as required.

KNOWLEDGE, ABILITIES AND SKILLS

Environmental Management

Knowledge of all County, State, and Federal environmental codes, ordinances, and rules. Knowledge of the operation and pollution control facilities (air, water, and solid waste). Knowledge of the principles and practices of environmental science.

Ability to operate equipment used for the sampling of air and water, and field testing equipment used for sample analysis. May be required to possess the ability to perform complex chemical and biological laboratory work. Ability to identify and classify biological specimens. Ability to meet and deal effectively with the general public and to explain and enforce regulations firmly, tactfully, and impartially. Ability to work effectively with other County, municipal, State and Federal agencies and the general public.

Land Acquisition and Management

Knowledge of the principles and practices of land management and habitat restoration. Knowledge and experience with prescribed fire, GPS, GIS and related computer software. Ability to identify and classify biological specimens. Ability to work effectively with other agencies, contractors and the general public. Ability to organize and manage multiple tasks or projects simultaneously. Ability to operate various types of land management equipment in the field. Knowledge of all environmental codes, ordinances, and rules as related to land management activities. Ability to supervise subordinates, volunteers, student interns, and contract staff.

Leisure Services

Knowledge of state and federal permits required to function as an animal care specialist. Knowledge of prescribed medications, doses, calculations and proper administration techniques. Knowledge of the medical protocols, techniques and treatments used for providing proper animal care. Knowledge of biology and other natural sciences.

Ability to obtain blood and/or tissue samples for analysis. Ability to properly operate lab equipment, to include microscopes, radiology, blood chemistry analyzer and others that are deemed necessary. Ability to properly handle and/or restrain a large variety of animals. Ability to work effectively with other County, municipal, State and Federal agencies.

MINIMUM QUALIFICATIONS

Environmental Management & Leisure Services

Three (3) years as an Environmental Specialist I with the County; OR Bachelor of Science (B.S.) degree in Biology, Environmental Science, Geology, Hydrology, Chemistry, Environmental Engineering or related field, and three (3)

years experience in environmental investigation and analysis; or three (3) years experience rehabilitating wildlife and possession of the Federal Fish and Wildlife Permit (requires 1,000 hours rehabilitating migratory birds),

A comparable amount of education, training, or experience may be substituted for the minimum qualifications.

Land Acquisition and Management

Bachelors degree (BA or B.S.) in, Biology, Ecology, Environmental Science, Forestry, Wildlife Ecology, Zoology or related field, and three (3) years experience in natural land management.

A comparable amount of education, training, or experience may be substituted for the minimum qualifications.

Possession of a valid Florida driver's license.

ADA REQUIREMENTS

Mental Demands: Ability to read and comprehend technical and professional journals and manuals, reports, blueprints, legal documents. Ability to write clearly and concisely memos, letters, reports. Ability to speak publicly and extemporaneously on technical subjects. Ability to perform basic mathematical functions. Ability to analyze data and develop conclusions.

Physical Demands:

Environmental Management: Light work. Ability to traverse uneven and/or wet ground. Ability to see, hear, talk, feel, kneel, reach, balance and climb.

Leisure Services & Land Acquisition and Management: Medium Work. Lifting 50 lbs. Carrying objects 25 lbs or more. Ability to traverse uneven and/or wet ground. Ability to see, hear, talk, feel, kneel, reach, balance and climb.

Environmental Demands: Both inside and outside work. Exposure to inclement weather including humidity, heat, rain, cold, dust, mildew, noise. May be exposed to odors and toxic fumes. Medical monitoring may be required.

Revised 10/94

Revised 12/03

Revised 03/07