

ENVIRONMENTAL TECHNICIAN

CODES/PAY RANGE

Class Code: 3619

EEO Code: E

Pay Range: 119

MAJOR FUNCTION

Environmental Management

Responsible technical field work for the enforcement of environmentally related codes and ordinances, and/or to collect environmental data.

Leisure Services

Responsible technical work assisting the environmental specialists in providing animal care; maintenance of animal habitat and assisting with 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

Inspects residential and commercial property and conducts field measurements to ensure compliance with environment protection codes and ordinances. Conducts tests and field investigations to obtain data for use by environmental personnel in determining sources and methods of controlling pollutants in the air, water and soil.

Conducts chemical and physical laboratory and field tests according to prescribed standards using standard laboratory equipment. Collects samples of gases; collects water samples; and collects soil samples. Inspects trees for disease, culling, harvesting, etc. Sets monitoring equipment to provide flow of information. May operate fixed or mobile monitoring equipment.

May perform site plan reviews on commercial and residential projects. Inspects projects during construction to ensure compliance depending on area of assignment. Investigates complaints regarding violations of environmental codes or ordinances. Advises property owners of potential violations and feasible methods of correcting violations. Documents all activities and, when necessary, acts as prosecution witness to resolve violations.

Reviews permit applications for compliance with county ordinances. Prepares daily reports, summarizes, and recommends appropriate action to be taken.

Leisure Services

Provides assistance to Environmental Specialists in the care of animals in their area of responsibility; i.e. surgical procedures, feeding, blood and tissue samples, and related work.

Maintains proper quarantine and sterilization techniques. Maintains animal habitat in their area. Inputs medical data for daily record keeping. Acquires training to improve rehabilitation skills. Maintains general housekeeping in work area. Assists in coordinating efforts of part time employees and volunteers. Makes public presentations as necessary.

Follows the work plan as prepared by the supervisor. Assumes duties in the absence of the supervisor.

Performs related work as required.

KNOWLEDGE, SKILLS AND ABILITIES

Knowledge of all County, State and Federal environmental codes, ordinances and rules. Knowledge of the operation of pollution control facilities (air, water, and solid waste.) Knowledge of biology and other natural sciences. Knowledge of the principles and practices of environmental science. Knowledge of the operation of air and water sampling and testing equipment. Knowledge of geology and well testing techniques.

Ability to operate equipment used for air and water sampling. Ability to use simple field testing equipment for limited field analysis. Ability to perform basic chemical and biological laboratory work. Ability to read and interpret blueprints, plans and specifications relative to permit applications. Ability to perform laboratory work connected with the evaluation of wastewater treatment plant performance. Ability to meet and deal effectively with the general public. Ability to explain and enforce regulations firmly, tactfully and impartially. Ability to work effectively with other County, municipal and State agencies and the general public.

Leisure Services

Knowledge of medical protocols, techniques and treatments used for providing proper animal care, under guidance of supervisor. Knowledge of biology and other natural sciences. Familiar with medications, doses, calculations, and proper administration techniques under guidance of supervisor.

Ability to obtain blood and/or tissue samples for analysis. Ability to properly operate basic lab equipment that is deemed necessary. Ability to properly handle and/or restrain a large variety of animals

MINIMUM QUALIFICATIONS

Environmental Management

Associate's degree in Environmental Science, Urban Forestry, or related field (in field of assignment; i.e. tree inspection, well inspection;) OR Professional certification in area of assignment, and two (2) years experience.

Leisure Services

Associate's degree in Environmental Science, Biology or related field and two (2) years experience working in a veterinary hospital/clinic or rehabilitating wildlife.

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

ADA REQUIREMENTS

Physical Requirements: Light work. Ability to traverse uneven and/or wet ground. Ability to see, talk, bend, handle.

Leisure Services: Medium work. Lifting 50 lbs maximum with frequent lifting and/or carrying objects weighing 25 lbs. Ability to traverse uneven and/or wet ground. Ability to see, talk, bend, handle.

Mental Requirements: Ability to perform complex mathematical calculations including statistical analysis, fractions, decimals, accounting. Ability to analyze data and develop recommendations. Ability to write letters, summaries, financial statements, grant applications, reports. Ability to read, comprehend and apply professional and technical information contained in journals, manuals, reports, mechanical drawings, legal documents.

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.

NEW 10/94
Revised 12/03