

## ENVIRONMENTAL SPECIALIST, SENIOR

Job Code	Pay Grade
02434	CL18

### Nature of Work

This is specialized professional and technical work in supervising or independently performing functions involved in an environmental land use management, air, water or ground water pollution control program, hazardous/toxic material management program, lake management, managed marsh area mosquito source reduction projects, or supporting the educational activities and programming of the various Environmental Education Centers. Promotion to this level within the Environmental Specialist career ladder will be competitive. Work involves planning, organizing, assigning, supervising or performing a variety of specialized environmental management activities related to the protection of the county's natural resources. Work includes performing and/or supervising employees engaged in scientific studies and regulatory compliance monitoring and the enforcement of national, state and local environmental laws, ordinances, codes and regulations. Duties include responsibilities for independent research and complex studies of environmental land use management; air or water quality assessment, regulatory compliance and enforcement requiring considerable independence and judgment; research on complex public health and environmental programs, as well as bio-assessment, vegetation and mosquito programs and the development and implementation of the Education Centers' cultural and ecological programs.

### Minimum Qualification Requirements

- 7 years of professional level experience in the assigned field of environmental management; or
- 4 year college or university with major course work in physical, natural or biological science, anthropology, ecology, environmental engineering, or related field, and three (3) years of professional level experience in the assigned field of environmental management; or
- An equivalent combination of education, training and/or experience.

### Appointing Authority May Also Require

- Florida Driver's License or Florida Commercial Driver's License and endorsement, if any.
- Assignment to work a variety of work schedules including compulsory work periods in special, emergency, and/or disaster situations.
- Other highly desirable knowledge, skills, abilities, and credentials relevant to a position.
- Employee be a non-smoker and submit to periodic physical examinations for medical monitoring.
- Ability to swim and operate small watercraft.
- The following State Licenses: Florida Public Health Pest Control, Aquatic Weed Control and Right-of-Way Control within one year of hire.
- Some supervisory or lead worker experience.

Field work may take place under difficult environmental conditions such as exposure to poisonous plants and animals, and/or work in hot, rainy and /or wet conditions.

### Illustrative Tasks (These are examples and are not all inclusive.)

- Plans, organizes, assigns and supervises a technical and professional staff, or independently performs work within a specialized section of environmental management involving land use permitting, environmental impact assessment, and air or water quality regulatory compliance and enforcement.
- Conducts independent studies and research on complex public health and environmental problems, grant applications, land use development, bio-assessments, vegetation analysis, mosquito analysis, and related areas and prepares complex and comprehensive environmental assessment reports.
- Reviews and determines proper interpretation of laws, rules and regulations affecting environmental management.
- Conducts independent research to identify regional environmental and land management based clients and develop an educational/marketing strategy to promote both the mission of the Education Centers and secure facility rentals as directed by the BOCC.

## ENVIRONMENTAL SPECIALIST, SENIOR (continued)

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### Illustrative Tasks (continued)

- Makes presentations to the various public and private organizations and coordinates with various local, state and federal regulatory agencies.
- Researches and develops various reports and assists with administrative work relating to environmental regulation compliance and enforcement.
- Supervises and participates in the operation of a computerized information system and performs related duties which include use of operating system and statistical programs, system maintenance, software programming and/or re-programming functions.
- Administers the enforcement of established environmental regulations and reviews compliance test results and reports submitted by permit applicants and test consultants.
- May appear as an expert witness in court cases.
- Develops, implements and teaches innovative cultural and ecological programs.
- Researches and writes grant proposals to support the various Educational Centers' educational and interpretive programs.
- Establishes working relationships with regional environmental and land management based clients with the intent to secure additional funding for center events and programs.
- Plans and implements outreach strategies for special targeted groups and the general public.
- Coordinates programs and teacher workshops with local public and private school systems as well as community groups.
- Coordinates the activities of volunteer personnel as needed within the section or department.
- Performs related work as assigned or required.

### Knowledge, Skills, and Abilities

- Knowledge of the principles, practices and methods of environmental management.
- Knowledge in specialized area of assignment.
- Knowledge of national, state and local environmentally related laws, ordinances, codes and regulations.
- Knowledge of advanced mathematics, natural, physical and biological sciences and computer technology.
- Knowledge of scientific research and writing techniques including the use of automated systems for statistical analysis of research data.
- Knowledge of OSHA regulations and recognized safety procedures and practices for fieldwork.
- Knowledge of ecology and the history of the indigenous peoples of Florida.
- Knowledge of Florida's ecosystems and the ability to design interpretive materials.
- Knowledge of learning theory, group dynamics and interpretation techniques.
- Ability to advertise and promote educational programs within the department's various Education Centers.
- Ability to present ideas and findings clearly and concisely in written, oral and graphic form.
- Ability to supervise and train subordinate staff, participate in complex studies, analyze information and formulate substantive recommendations based upon findings.
- Ability to plan and carry out detailed environmental assessments of proposed developments, ascertain environmental impact, and determine regulatory compliance.
- Ability to plan and execute environmental services related to surface water quality, ground water, hazardous or toxic materials management, land use management, and air quality.
- Ability to testify in court as an expert witness.

For official use only

Revised	EEOC Code	Overtime Code
6/07	Professionals	Classified/Excluded