



**BROWARD COUNTY**  
invites applications for the position of:

## **Natural Resources Specialist - Mosquito Control**

**SALARY:** \$25.40 - \$40.54 Hourly

**OPENING DATE:** 11/12/21

**CLOSING DATE:** Continuous

### **REQUIREMENTS AND PREFERENCES:**

The Broward County Board of County Commissioners is seeking qualified candidates for Natural Resources Specialist - Mosquito Control



This position involves technical and field work coupled with customer service in conducting Mosquito Control operations in accordance with Federal, State and local regulations and policies to protect the health and welfare of the Public.

The ideal candidate will have knowledge of the principles, practices, theories and regulations related to Mosquito Control and pesticides, as well as the means, methods and techniques of data collection and the ability to read and interpret scientific reports, studies and recommendations and to apply them to the County operations. Must be able to work extended hours during peak season, mosquito outbreaks, and wildfires. In the event of a declared emergency, the employee will be required to perform emergency duties as directed. Must possess and maintain a valid Florida Class "E" Driver's License for duration of appointment.

#### **General Description**

Performs professional environmental work enforcing the provisions of environmental ordinances as well as participating in natural resource enhancement and protection efforts.

Works under general supervision, independently developing work methods and sequences.

#### **Minimum Education and Experience Requirements**

Requires a Bachelor's degree from an accredited college or university with major coursework in chemistry, geology, biology or environmental science or closely related field.

Requires six (6) months experience in natural resource protection related to mosquito/insect control operations or closely related experience.

#### **Special Certifications and Licenses Required**

Must possess and maintain a valid Florida Class E driver's license for duration of appointment.

#### **Preferences**

Master's Degree in Chemistry, Geology, Biology, Entomology, or Environmental Science, or closely related field.

FDACS Public Health Pest Control License

Maintenance of Traffic Certification (MOT)

Horticulture Certification

Training/certification in mosquito biology and control techniques

One (1) years experience with developing training programs and/or outreach presentations

One (1) year experience with using larvicide equipment and turbine sprayer (i.e., calibration of equipment, measuring/mixing, loading and testing of biological larvicide materials such as Vectobac or similar products)

One (1) year experience with Surveillance and Testing activities (i.e., setting up traps, dip sampling, larval counts, data collection and analysis)

One (1) year experience using GPS or GIS applications

## **DUTIES AND RESPONSIBILITIES:**

**The functions listed below are those that represent the majority of the time spent working in this class. Management may assign additional functions related to the type of work of the job as necessary.**

Performs and assists in performing routine investigations involving compliance with environmental rules and license conditions; issues notices of violation and prepares correspondence dealing with enforcement of environmental rules and ordinances.

Performs special research and investigates complaints pertaining to environmental problems; advises the public on policies regarding environmental issues; performs field evaluations and makes recommendations on environmental aspects of resource management; prepares restoration and management plans.

Reviews environmental license applications for consistency with federal, state and local environmental laws and regulations.

Develops manuals, guidelines and procedures for implementing environmental resource programs; assists in writing, amending, and updating County environmental rules and regulations; prepares written reports and correspondence, and maintains enforcement case files; prepares grant request proposals.

Prepares technical specifications for the procurement of materials and equipment used in diversified environmental projects; participates in designing environmental sampling programs to meet specific objectives.

Makes presentations to schools, civic groups, chambers of commerce, and other business and civic associations to publicize the environmental programs and ordinances; coordinates programs with other County departments, municipalities and agencies; prepares informational and educational materials and programs relating to environmental resources; develops and implements management.

Tracks the progress of environmental protection and restoration efforts and works with contractors.

Performs training, instruction and supervision in the gathering, evaluation and interpretation of hydrological, terrestrial, chemical and/or marine physical and biological data.

Reviews beach erosion control projects to ensure appropriate enhancement and protective environmental considerations; reviews water resource and habitat restoration plans for County impact; interprets laboratory and geotechnical data related to permits, compliance inspections, or enforcement actions; reviews operating, transfer and closure permits for compliance to federal, state, and local laws and regulations.

Performs related work as assigned.

## **WORK ENVIRONMENT:**

### **Physical Demands**

*Physical demands refer to the requirements for physical exertion and coordination of limb and body movement.*

Performs light work that involves walking or standing most of the time and involves exerting up to 20 pounds of force on a regular and recurring basis, or skill, adeptness and speed in the use of fingers, hands or limbs on repetitive operation of mechanical or electronic office equipment or tools within moderate tolerances or limits of accuracy.

**Unavoidable Hazards (Work Environment)**

*Unavoidable hazards refer to the job conditions that may lead to injury or health hazards even though precautions have been taken.*

Involves routine and frequent exposure to disease/pathogens. (Depending upon area of assignment.)

**SPECIAL INFORMATION:**

**Americans with Disabilities Act (ADA) Compliance**

Broward County is an Equal Opportunity Employer. The ADA requires Broward County to provide reasonable accommodations to qualified persons with disabilities. Prospective and current employees are encouraged to discuss ADA accommodations with the Professional Standards/Human Rights Section.

**Emergency Management Responsibilities**

Note: During emergency conditions, all County employees are automatically considered emergency service workers. County employees are subject to being called to work in the event of a disaster, such as a hurricane, or other emergency situation and are expected to perform emergency service duties, as assigned.

**County-wide Employee Responsibilities**

All Broward County employees must serve the public and fellow employees with honesty and integrity in full accord with the letter and spirit of Broward County's Employee Code of Ethics, gift, and conflict of interest policies.

All Broward County employees must establish and maintain effective working relationships with the general public, co-workers, elected and appointed officials and members of diverse cultural and linguistic backgrounds, regardless of race, color, religion, sex, national origin, age, disability, marital status, political affiliation, familial status, sexual orientation, pregnancy, or gender identity and expression.

---

BROWARD COUNTY IS AN EQUAL OPPORTUNITY EMPLOYER AND PROVIDER OF SERVICES

APPLICATIONS MAY BE FILED ONLINE AT:

<http://www.broward.org/careers>

Position #1407345  
NATURAL RESOURCES SPECIALIST - MOSQUITO CONTROL  
WD

115 S. Andrews Ave.  
Fort Lauderdale, FL 33301-4800  
(954) 831-4000

[Staffing@Broward.org](mailto:Staffing@Broward.org)

---

**Natural Resources Specialist - Mosquito Control Supplemental Questionnaire**

- \* 1. Do you possess a Bachelor's Degree from an accredited college or university with major coursework in Chemistry, Geology, Biology or Environmental Science, or closely related field?
- Yes    No
- \* 2. Do you have six (6) months of experience in natural resource protection related to mosquito/insect control operations or closely related experience?
- Yes    No
- \* 3. Select any of the following that you have achieved. These are subject to verification.
- FDACS Public Health Pest Control License
- State of Florida Class A or B Commercial Driver's License
- Maintenance of Traffic Certification (MOT)

- Horticulture Certification
- None of the Above
- \* 4. Provide examples of your experience using larvicide equipment and turbine sprayer (i.e., calibration of equipment, measuring/mixing, loading and testing of biological larvicide materials such as Vectobac or similar products).
  
- \* 5. Provide examples of your experience with Surveillance and Testing activities (i.e., setting up traps, dip sampling, larval counts, data collection and analysis).
  
- \* 6. Describe your experience resolving escalated citizen/customer complaints in person and provide an example..
  
- \* 7. This position requires the ability to lift/move objects weighing up to 50+ pounds. Are you able to perform this activity with or without accommodation?  
 Yes    No
  
- \* 8. Are you aware that during emergency conditions, all County employees are automatically considered emergency service workers, and that County employees are subject to being called to work in the event of a disaster, such as a hurricane, or other emergency situation and are expected to perform emergency service duties, as assigned?  
 Yes    No
  
- \* Required Question