

ENTOMOLOGY TECHNICIAN

Job Code	Pay Grade
16420	CL12

Nature of Work

This is specialized technical and supervisory work involving arbovirus surveillance, mosquito population surveillance, mosquito identification, insecticide testing and data/record keeping. Employees in this class work directly under an administrative supervisor to execute field and laboratory tasks. Work requires independent judgment and initiative in carrying out assignments and may include limited supervision.

Minimum Qualification Requirements

- 4 years of technical medical, biological science or mosquito control experience; or
- 2 years of vocational or college course work in a scientific field and 2 years of technical medical, biological science or mosquito control experience; 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 position.
- Public Health Pest Control Certificate prior to the completion of the normal probationary period.
- Possession and maintenance of Public Health Pest Control, Aquatic Weed Control and Right-of-Way Control Certificates prior to the completion of the first year of employment.
- Possession and maintenance of Certified Mosquito Identifier certificate through the Florida Department of Agriculture and Consumer Services/Florida Medical Entomology Laboratory within one year of hire.

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

- Obtains routine blood samples from sentinel chicken flocks and records field information for laboratory processing.
- Oversees the placement of various types of traps and assesses mosquito trap catches in the field for immediate integration into the adult mosquito suppression operation.
- Identifies, records and maintains mosquito specimen collections for review and training purposes.
- Conducts field and laboratory efficacy tests and tests other mosquito control methods as necessary.
- Conducts in-house training on mosquito biology for field personnel.
- Trains and supervises subordinate spray tech position and temporary workers as needed.
- Provides guidance and assistance to mosquito fogging and trapping crews regarding placement of insect traps and use of chemicals.
- Responds to requests for information from the media on mosquito and related disease control and presents programs to the public, civic and homeowner associations, schools and private pesticide applicators.
- Ensures proper operation, maintenance and replacement of designated equipment.
- Enters and maintains all related records.
- Performs related work as assigned or required.

Knowledge, Skills, and Abilities

- Knowledge of mosquito bionomics and morphology.
- Knowledge of scientific method and general laboratory techniques.
- Knowledge of the proper use of microscopes and other assigned equipment.

ENTOMOLOGY TECHNICIAN (continued)

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Knowledge, Skills, and Abilities (continued)

- Knowledge of data recording and graphing.
- Knowledge of media presentation and format.
- Ability to draw blood with a hypodermic needle and handle chickens in a calm and soothing manner.
- Ability to assign and supervise the work of subordinates and establish and maintain effective working relationships.
- Ability to express oneself clearly and concisely, orally and in writing.
- Ability to read a map and maintain assigned trapping and collection equipment.
- Ability to meet and deal with the public in a courteous, confident and tactful manner.

For official use only

Revised	EEOC Code	Overtime Code
6/07	Technicians	Classified