Lee County Mosquito/Hyacinth Control Districts

Field Inspector

SALARY	$25.88 - $30.21 Hourly	**LOCATION**	Lehigh Acres, FL
JOB TYPE	Full-time	**JOB NUMBER**	2026-02
ORGANIZATION	Mosquito Control	**DEPARTMENT**	Mosquito Larvaciding
OPENING DATE	02/18/2026	**CLOSING DATE**	3/4/2026 11:59 PM Eastern

Description

Are you passionate about protecting public health and making a real impact in your community? We are seeking a dedicated Field Inspector to join our mission-driven team and support comprehensive mosquito surveillance and control operations across assigned areas.

This dynamic role blends fieldwork, science, technology, and environmental stewardship—inspecting and treating mosquito habitats, conducting surveillance, responding to community concerns, supporting ground and aerial operations, and using real-time data to guide effective control strategies. The ideal candidate is detail-oriented, self-motivated, safety-conscious, and committed to operational excellence in protecting our community from mosquito-borne disease.

Essential Functions

- Inspects assigned geographical areas for the presence of larvae, pupae and adult mosquitoes and records findings
- Monitor rainfall, tide, trap, service requests and other Mapvision data, to determine which areas to inspect and treat, which control method is most appropriate and arrange to have the necessary equipment to execute the mission
- Discuss daily inspection/treatment plans with Supervisor and adjust plans as needed to accomplish daily operational priorities
- Responsible for inspecting and treating habitats that support larval development including yards around homes, roadside ditches, storm retention/detention areas, and storm drains
- Perform ground larviciding and adulticiding spray missions as needed in assigned areas
- Records and reports the results of all surveillance, larviciding and adulticiding activities to supervisor
- Responds to resident service requests, as assigned by Mosquito Control Biologist I/II/III, by conducting a field investigation and reporting findings into MapVision on Toughbook at time of inspection
- Distributes mosquito fish around the county to control mosquito larvae
- Responsible for entering inspection, back check and spray data into database at time of inspection/spray into MapVision via iPhone App and/or Toughbook
- Assist adulticiding team by conducting adult surveillance in assigned areas as needed
- Conduct back checks as required by FDACS on areas treated, evaluate the efficacy of control practices imposed and determine next course of action to correct any deficiency
- Survey for any unexpected environmental response to control practices and follow appropriate notification and documentation protocol
- Transports fuel and chemicals to needed locations

- Conduct walk around pre-trip vehicle inspections and ensures all necessary supplies and materials are present to complete trip
- Check the integrity of aircraft fuel by performing proper testing techniques and recording all results on log sheets
- Complete a monthly chemical inventory of assigned vehicle(s) and report data to Mosquito Control Biologist I or II the first of each month
- Responsible for the correct mixing of chemicals and the rates they are to be applied
- Complete the Larvicide Mix Sheet every time a larvicide is mixed or loaded
- Refuels and washes vehicle as needed
- Assist with larvae collection and assist with susceptibility bioassays in the laboratory as needed
- Set various mosquito traps as necessary
- Assist as needed in the identification of specimens collected in traps
- Identify mosquito species found in Lee County in adult and larval stages
- Responsible for care and upkeep of sentinel chicken flocks dependent upon location and district needs
- Assists with the fueling and chemical loading of helicopters
- Attends state and federal meeting on mosquito issues as needed
- Performs a variety of maintenance duties including mowing, surveillance trails, landing zones and heliports, and performing construction/deconstruction to the District's properties
- Responsible for completing his/her time card on a daily basis
- Responsible for submitting all Time-Off Request as soon as he/she knows they will be absent, late or leaving early
- Responsible for ensuring time card is correct and approved by 8:00 a.m. on payroll Mondays
- Responsible for wearing appropriate Personal Protective Equipment (PPE)
- Communicate with the public in a professional and courteous manner and refer all inquiries outside area of expertise back to the appropriate person at the District
- Follow District Safety policies and procedures and comply with all local, state and federal regulations at all times
- Responsible for ensuring all assigned equipment is maintained and repaired as needed
- Responsible for reporting damage to vehicle/ equipment in a timely manner
- Must have regular and predictable attendance
- Other duties and projects as assigned

Behavioral Requirements:

- Committed to and passionate about LCMCD's mission and values
- Responsive to the needs of a public organization working to serve the needs of the public
- Positive, humble, co-operative and professional
- Work with a sense of urgency and solve things promptly;
- Empathetic with the ability to build effective relationships quickly;
- Able to maintain a positive and productive working environment, including resolution of differing priorities and conflicts, and excellent communication;

Qualifications

- High School Diploma or equivalent
- Must be able to work a varied schedule including working on weekends
- Ability to operate a variety of small equipment, as well as towing/operating a trailer
- Must have basic math skills
- Must have an ability to learn and identify a variety of mosquito species
- Must have working knowledge of Microsoft Office suite and have the ability to learn and operate internal, web based, GPS and mapping programs including entering data into phone Apps and databases
- Ability to fly in helicopters
- Must be able to read, communicate and understand technical instructions in English
- Must have a valid Class E drivers license and a clean driving record
- Must hold a current Public Health License or obtain one within six (6) months of employment and maintain certification by earning appropriate CEUs (continuing education units)
- Must be able to read and understand chemical labels
- May be required to obtain Part 107 Certification
- May be required to obtain a CDL license

Supplemental Information

Work Environment/Physical Requirements: The physical demands and work environment characteristics described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform essential functions.
Physical Requirements: Moderate physical activity is required on a regular basis including lifting, reaching for, pulling and carrying up to fifty pounds, reaching and pulling with arms, stooping, standing, bending frequently, sitting for long periods of time while driving a vehicle, walking for long distances and climbing over and around natural obstacles and in and out of a variety of vehicles and equipment. Must be able to use hands and fingers to type, and grip and operate a variety of hand tools and other equipment. Excellent vision, both close and distance, is frequently required.
Work Environment: The work environment varies but normally is an office, vehicle or outdoors but may include warehouses, helicopters, boats, heliports, mangroves, fields, islands, woods/swamps, and open water. Regular exposure to all types of weather is required as the position is required to work outside, exposed to high temperatures and humidity, sun, rain, and wind. Frequent local travel is required. Exposure to loud and moderate noise levels will occur on a regular basis when around aircraft, helicopters, tanker trucks, pony motors and a variety of other equipment, motors and engines. Working with and around chemicals, which are stored, handled, applied/used and disposed of according to exact labeling instructions, is required frequently. Regular exposure to moving mechanical parts, mud, fuel, fumes, insects, and wildlife is required.

Pre-employment background check and drug screen required.

Equal Opportunity Employer; Drug Free Workplace; Veterans Preference to those who qualify. We are an E-VERIFY employer. Please visit our careers page at leecountymcdfl.gov or leecountyhcdfl.gov for more information.

Employer
Lee County Mosquito/Hyacinth Control Districts

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15191 Homestead Rd

Lehigh Acres, Florida, 33971

Phone
239-690-5716

Website
https://leecountymcdfl.gov/careers