





# The Area

The East Flagler Mosquito Control District is located in the City of Palm Coast in Flagler County, Florida, which lies between Saint Augustine and Daytona Beach. This oceanfront community with a hometown feeling respects and protects the natural environment. Flagler County is rich in recreational and cultural opportunities boasting not only beautiful natural vistas but also endless recreation, technological, historical, and arts activities. The area's treasure is the Atlantic Ocean; the pristine beachfront is 19 miles long. Offering more than 45 parks and preserves and more than 125 miles of trails for hiking, biking, and paddling, Flagler County and its communities create a desirable location for tourists, visitors, residents and businesses alike.

Flagler Schools leverage a full range of technology and digital resources for students while maintaining a 19:1 teacher ratio. 100% of teachers at Flagler County Public Schools are licensed. The schools have partnered with the community to bring Flagship Choice Programs to all of its schools. Some of the programs include partnerships with Daytona State College, Embry Riddle Aeronautical University, and the University of Florida. There are also a variety of private and charter school options in the area.

The economy of the area is a mix of business services, health care, government, and tourism. The county has an unemployment rate of 3.4% and future job growth is projected to be 44.1%. The median household income is \$48 thousand, while the median home cost is around \$350 thousand. Flagler County is the 12th fastest growing county in Florida according the 2020 census.

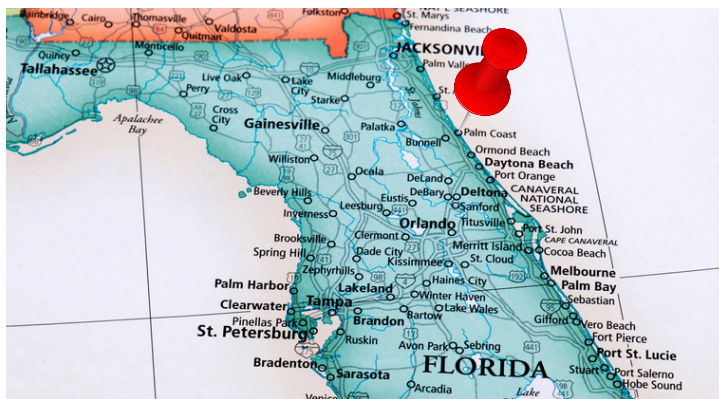




## The Organization

The mission of the East Flagler Mosquito Control District is the suppression of mosquito species that may cause illness or significant discomfort. As a Florida government public health service agency, the District is a property-tax supported district that was created in 1952. It operates under Chapter 189 F.S. and in accordance with Chapter 388 F.S. Today the District services over 90 thousand residents over 116 square miles within the Flagler County area of Florida.

Day to day operations are overseen by the Executive Director, hired by the Board of Commissioners. The District operates with staff of 11 year round employees, 4 seasonal staff, and 2 summer interns. The District's budget is adopted by the Board of Commissioners annually. The current budget (Fiscal Year 22/23) is \$3.4 million. This supports activities in vector control to District residents as well as supporting education programs for school and civil groups.



## Employees

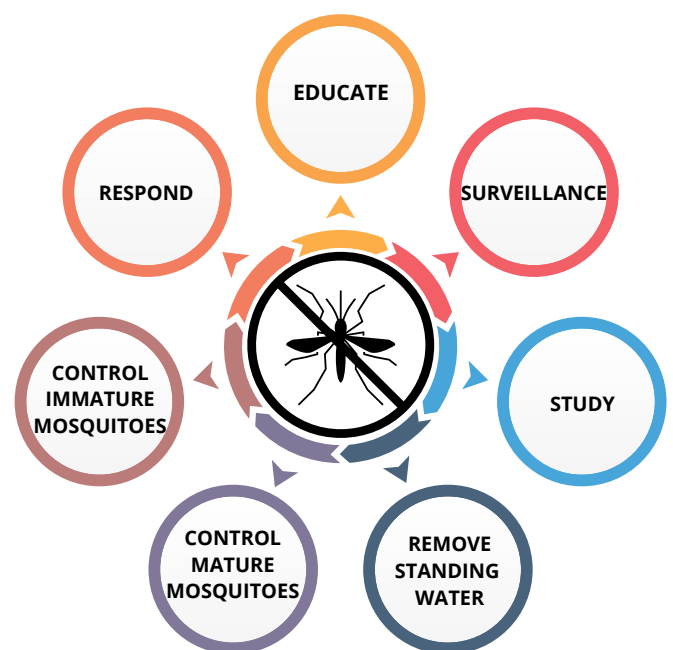


12 Full Time  
4 Seasonal  
2 Interns

## Budget



FY 21/22 annual budget  
\$3.4 million





210 Fin Way - Palm Coast, FL 32164

## **HELICOPTER PILOT – FULL TIME**

Available immediately; position will remain open until filled.

### **Pay: \$70,000 – \$96,000 DOE**

Salary will be determined based on candidate's current skills and abilities.

#### **JOB SUMMARY**

The East Flagler Mosquito Control District has an exceptional career opportunity for an experienced Helicopter Pilot in Palm Coast, Florida. The Pilot will operate the rotary wing aircraft (Bell 206B helicopter) for surveillance, larviciding and adulticiding. The Pilot will perform at low altitude, complete aerial operations during the day and evening, and fly over heavily populated areas. Targeted aerial application for mosquito control occurs primarily between April and October. The Pilot is responsible for the safe operation of the aircraft under Federal, State, and local laws.

#### **ESSENTIAL DUTIES AND RESPONSIBILITIES**

##### **General:**

- Advise the Director on all matters pertaining to aviation and aerial application
- Provide the director with helicopter maintenance outlook for budgeting
- Maintain the helicopter flight logbook, update after every flight
- Ensure scheduled and unscheduled helicopter maintenance occurs by working with the helicopter mechanic
- Ensure helicopter spray equipment is maintained and in working condition
- Evaluate weather conditions for safe and most effective application
- Supervise loading of the chemical
- Preflight and fuel helicopter for mission
- Procure parts and equipment necessary for performing the duties here in
- Attend refresher flight training in accordance with the FAA
- Conducts additional flights to maintain proficiencies
- When not performing aerial operations, the Pilot may operate drone, airboat, boat, or District vehicles and work in conjunction with ground inspectors to coordinate inspections, sometimes in difficult areas to access

##### **Aerial Adulticiding:**

- Calibrate the spray system prior to each application
- Test droplets from spray system annually
- Convert and upload spray files to conform with the helicopter spray computer

- Operate the helicopter low level under night conditions with Night Vision Goggles (NVG) under visual flight rules (VFR)
- Apply chemical in accordance with the product label
- Train personnel for safe loading operations
- Continue to risk assess during the mission for maximum safety
- Record aerial application in accordance with State rules

#### **Aerial Larviciding:**

- Calibrate and characterize the spray system annually
- Convert and upload spray files to conform with the helicopter spray computer
- Operate the helicopter low level daytime under VFR conditions
- Apply chemical in accordance with the product label
- Monitor application during flight for correct rate using the spray computer
- Continue to risk assess during the mission for maximum safety
- Record aerial application in accordance with state rules

#### **Surveillance:**

- Transport inspectors to remote breeding sites in the salt marsh
- Land in the salt marsh at multiple sites
- Assess the salt marsh for breeding by monitoring the tide and rain levels
- Possess knowledge of salt marsh mosquitoes breeding habitats

#### **UAS Operations:**

- Provide aviation expertise to the UAS team
- Assist with in field UAS operations
- Participate in UAS registration and compliance

#### **Training/Public Outreach:**

- Attend Fly-ins and other trainings
- Provide in house safety training for chemical handling, working around the helicopter, and provides training at other locations to other personnel as needed
- Provide pilot specific training to District pilots and pilots from other programs
- Present mosquito control subjects to mosquito control personnel and the public
- Participate in the public outreach program and attends special events

#### **Other Duties Dependent on Time and Interest:**

- Function as District Safety Officer
- Assist with identifying daily trap catches
- Fabricate and maintain equipment
- Operate water vessels
- Operate ATVs and other off-road equipment
- Perform other duties as required

## ESSENTIAL DUTIES AND RESPONSIBILITIES

### Knowledge, Skills, Abilities:

- Considerable knowledge of FAA rules and regulations governing flight operations
- Considerable knowledge of aircraft operation and control, including instrumentation, weather, emergency procedures, radio communications, and navigation
- Highly skilled in landing an aircraft in remote and undeveloped areas
- Must possess a positive attitude and professional image at all times
- Demonstrate leadership and initiative
- Skill in operating computer-based aircraft systems
- Ability to speak in public and explain controversial issues
- Ability to pilot rotary wing aircraft
- Ability to communicate effectively both orally and in writing

### Requirements:

- High school diploma or equivalent required
- Current FAA commercial and instrument rotary wing license
- FAA night vision goggle rotary wing endorsement
- FAA part 137.19 endorsement for aerial mosquito control spraying
- Flight Hour Minimums – 1500 total Turbine Rotary wing Pilot-in-Command(PIC), 500 PIC in Bell206B, 100 NVG, 200 Aerial spraying
- Public Health Pest Control (PHPC) license with the aerial category
- Maintain a valid Florida driver license
- Class II Medical or Higher
- Pass pre-employment background and driving record check
- Pass pre-employment drug test

## WORK CONDITIONS

### Physical Demands:

- Frequent standing and walking with periods of sedentary activity
- Bending, kneeling, reaching, and twisting
- Lifting or carrying over 50 pounds
- Pushing or pulling 200 pounds
- Using hands for grasping and typing

### Environmental Conditions:

- High humidity and high temperature associated with Florida summer environment

## BENEFITS

**Benefits:** After initial waiting period, full-time employees are eligible for the following benefits:

- Medical, dental, and vision insurance paid by employer in full for the employee
- Voluntary family medical, dental and vision coverage available via salary reduction  
District pays 50% of premium for spouse or children
- Health savings account
- Accrued personal and sick leave
- FRS retirement with employer contributions
- Voluntary deferred compensation participation (Nationwide Retirement Solutions)
- Voluntary supplemental insurance participation (AFLAC)
- Paid holidays (17 days)

## CONTACT

To submit your resume and letter of interest, contact:

Melissa Stewart, Office Manager/ Human Resources

[melissa@flaglermosquito.com](mailto:melissa@flaglermosquito.com)

(386) 437-0002 ext 201