



City of Irving Job Description

Vector Control Technician

FLSA Status:	Non-Exempt	Job Department:	Code Enforcement
Job Code:	99455	Reports To (Job Title):	Code Enforcement Supervisor

PURPOSE

To administer the City's Mosquito Control Program, including operation of mosquito fogging equipment, application of mosquito larvacide and sampling/testing mosquitoes and animals for mosquito-borne diseases. This position is also tasked with data entry, response to the mosquito hotline, as well as identifying and logging areas consistent with mosquito breeding and activity.

ESSENTIAL DUTIES AND RESPONSIBILITIES

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily.*

- Apply pesticides, larvacides and other chemicals necessary to control disease-bearing mosquitoes.
- Operate, maintain and calibrate mosquito fogging trucks and equipment.
- Investigate complaints and responds to citizen inquiries regarding mosquitoes and other pests.
- Survey areas for mosquito breeding, which includes setting live mosquito traps and managing surveillance of the program.
- Test dead animals when necessary for any and all vector borne viruses.
- Submit trap samples to the Texas Department of Health and Dallas County Health and Human Services.
- Maintain records of chemicals used in applications, complaints, spray areas and trap data.
- Stock and maintain chemical inventory.
- Explain to and teach the public and coworkers the purpose and use of chemicals for Vector Control.
- Attend training to learn new safety and application methods of chemicals.
- Practice safety rules and methods of working with chemicals.
- Perform related duties as assigned.

OTHER DUTIES AND RESPONSIBILITIES

- Maintain and monitor the city's spray parks
- Create and certify Runs and Walks on Campion Trails, including the GPS coordinates and wheel log.

SUPERVISORY RESPONSIBILITIES

Supervisory responsibility is not a regular part of the position.

FINANCIAL / BUDGETARY RESPONSIBILITY

Make purchases often and occasionally logs in and picks up divisional Cash Reports.

QUALIFICATIONS:

The requirements listed below are representative of the knowledge, skill, and/or ability required.*

EDUCATION

- Equivalent to a High School Diploma

EXPERIENCE

- At least one (1) year of experience in Vector Control or Related Field

CERTIFICATES, LICENSES, REGISTRATIONS

- Appropriate, valid Texas driver's license, or the ability to obtain one, is required.
- TDA applicators License – Vector Control category, or the ability to obtain one within 12 months of employment
- CPO Certificate, or the ability to obtain one within 12 months of employment
- Lifeguard Certificate, or the ability to obtain one within 12 months of employment

KNOWLEDGE OF

- Biological, Microbiological, and Chemical Sciences: Known facts, ideas, and skills regarding living organisms, microorganisms, and properties or actions of chemicals.
- Mosquito Control Practices: Methods and procedures utilized to reduce the incidence or severity of mosquito infestation and/or population.
- Maintenance Principles: processes involved in upkeep of property and equipment to the optimum state of cleanliness, repair, and efficiency.
- English Language: The structure and content of the English language, including the meaning of words and grammar.
- Applied Math: Concepts such as fractions, percentages, ratios, and proportions.

SKILLS AND ABILITIES IN

- Active Learning: Working with new material or information to grasp its implications.
- Active Listening: Listening to what others are saying and asking questions as appropriate.
- Cooperation: Establishing and maintaining positive working relationships with those contacted in the course of work.
- Basic Math: Adding, subtracting, multiplying, or dividing quickly.
- Mechanical/Technical: Safely operating diverse equipment, including computers.
- Sequencing: Correctly following a given rule or set of rules to arrange things or actions.
- Service Orientation: Actively looking for ways to help people.
- Problem Sensitivity: Telling when something is wrong or is likely to go wrong.

- Oral Expression: Communicating information and ideas in speaking so others will understand.
- Direction and Instructional Comprehension: Interpreting a variety of instructions furnished in written, oral, diagram, or schedule form.
- Reading Comprehension: Reading and interpreting documents.
- Judgment & Decision-Making: Weighing the relative costs / benefits of a potential action.
- Self-Management: Working independently and without supervision.

GUIDANCE RECEIVED

Periodic Supervision and Range of Guidelines/Procedures

Follows periodic direct instructions and guidelines, policies and procedures that require some interpretation. Problems that cannot be addressed through an existing guideline, policy or procedure are referred to supervisor or more senior position. Position incumbent must exercise judgment about when to escalate issues.

CONTACTS

Frequent contact with the public or other organizations via phone, email, social media and in person. Works with contractors and chemical vendors with vector control scope.

EQUIPMENT AND PROPERTY

Personal protective equipment, Mosquito handling equipment, sprayers and foggers, standard office equipment, cameras, computers, GPS-GIS, cell phone, vehicle, freezers, and sanitation equipment

PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.*

The employee constantly is required to balance, carry, drive a vehicle, listen, see, and/or talk. S/he frequently is required to climb, grasp, handle, feel, kneel, lift up to 100 pounds, pull, push, reach, stand, stoop, and/or walk. Occasionally, s/he is required to sit and/or smell. Rarely, s/he is required to run.

WORK ENVIRONMENT

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job.*

The employee frequently is exposed to blood-borne pathogens, dirty environment, extreme temperatures or weather conditions, air contamination, improper illumination, high and precarious places, and/or toxic or caustic materials. This job requires the employee to make decisions directly affecting the safety of others.

* Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Note: A class specification is a general listing of duties, responsibilities, knowledge, skills, and abilities required of an incumbent assigned to a particular class of work. There may be one or multiple positions assigned to a single classification; therefore, the class specification lists those work attributes that are common to every incumbent in the class.