



COUNTY OF YORK JOB DESCRIPTION
Mosquito Control Technician
Environmental & Developmental Services
Mosquito Control Division

Human Resources Division
120 Alexander Hamilton Blvd.
Yorktown, Va. 23690
Phone: 757-890-3687
Fax: 757-890-3699

GENERAL STATEMENT OF JOB

Responsible for providing mosquito control services for the County by monitoring the numbers of mosquitoes, responding to complaints, and applying pesticides and treating standing water with larvacides as needed. Responsible for maintaining the mosquito fishery facility. Provides pest control in County buildings or grounds and supports the outreach program. Work is performed under minimal supervision.

DISTINGUISHING FEATURES OF THE POSITION

There are time periods, particularly during the summer months when the incumbent will be required to work an alternate schedule to accommodate work needing to be performed in the evenings and night time.

ESSENTIAL JOB FUNCTIONS

Assists in mosquito surveillance by monitoring relative numbers of mosquitoes and mosquito larvae; serves as an initial contact person for mosquito related issues; tabulates complaints and passes on to supervisor as appropriate. Installs and operates various types of mosquito traps and maintains appropriate records.

Treats standing water with pesticide or larvacide as needed; ensures that the product is used consistent with approved operational guidelines; maintain records of pesticide applications.

Applies pesticide as necessary; operates application equipment consistent with approved guidelines; maintains records of spray routes and pesticide use inventory; acts as pesticide loader as needed.

Responsible for fishery facility maintenance as needed; distributes mosquito fish to citizens; maintains records of fish delivery.

Inspects residences for mosquito breeding and makes recommendations for mosquito abatement.

Performs work safely and in accordance with departmental procedures and the County's safety program; operates machinery and equipment consistent with proper application methods and pesticide label requirements.

Provides support for awareness and prevention outreach programs in elementary schools; assists with displays for mosquito awareness week

Distributes and installs volunteer mosquito light traps. Instructs citizens on monitoring program and how to operate trap. Assists citizens with monitoring program as needed.

Operates fork lift to load and unload spray machines; loads pesticides in spraying equipment; inspects spraying equipment to ensure proper operation; fuels and cleans vehicles as needed.

Secures and maintains the chemical storage area; ensures the stored pesticides are properly labeled, and conducts an inventory of the available pesticides.

Prepares a variety of daily and other reports as requested.

ADDITIONAL JOB FUNCTIONS

Ensures that vehicles obtain the required maintenance.

Assists biologist as needed.

Obtains needed operational supplies.

Performs other related work as required.

ENTRY KNOWLEDGE, SKILLS, AND ABILITIES

Thorough knowledge of safety cautions and procedures associated with the operation and maintenance of small, motorized equipment.

Thorough knowledge of basic mathematics to include addition, subtraction, multiplication, division, fractions, and percentages.

Some knowledge of pneumatic and gasoline powered engines, particularly 2 and 4 cycle engines.

EDUCATION AND EXPERIENCE

Graduation from high school, including or supplemented by college course work in biology, and 2 to 4 years of closely related experience; or any equivalent combination of education and experience which provides the required knowledge, skills, and abilities.

SPECIAL REQUIREMENT

Certification as a State Category 7 & 8 Pesticide Applicator. Possession of a valid driver's license issued by the Commonwealth of Virginia

PHYSICAL & MENTAL STANDARDS NEEDED FOR ESSENTIAL JOB FUNCTIONS

Physical Requirements: Must be physically able to operate a variety of hand and power tools including weed-eaters, chain saws, sprayers, shovels, and rakes, etc. Must be able to lift 70-75 pounds several times each week. There is frequent standing, stooping and bending while doing equipment repairs, gripping of hand tools, and some climbing.

Data Conception: Requires the ability to compare and/or judge the readily observable, functional, structural or compositional characteristics (whether similar or divergent from obvious standards) of data, people or things.

Interpersonal Communication: Requires the ability of speaking and/or signaling people to convey or exchange information. Includes receiving instructions, assignments or directions from supervisor.

Language Ability: Requires the ability to read mechanical drawings, diagrams, manuals, labels, and manufacturers safety data sheets. Requires the ability to prepare records, purchase orders, and inventories, utilizing proper format, grammar and punctuation.

Intelligence: Requires the ability to apply commonsense understanding to carry out instructions furnished in written, oral or diagrammatic form; to deal with problems involving several concrete variables in or from standardized situations.

Verbal Aptitude: Requires the ability to record and deliver information, to explain procedures, to follow oral and written instructions. Must be able to communicate effectively.

Numerical Aptitude: Requires the ability to utilize simple mathematical formulas to add and subtract, multiply and divide, and utilize decimals and percentages.

Form/Spatial Aptitude: Requires the ability to inspect items for proper length, width and shape.

Motor Coordination: Requires the ability coordinate hands and eyes rapidly and accurately in using tools.

Manual Dexterity: Requires the ability to handle a variety of items such as hand tools. Must have minimal levels of eye/hand/foot coordination.

Color Discrimination: Requires the ability to differentiate between colors and shades of color.

Interpersonal Temperament: Requires the ability to deal with people beyond giving and receiving instructions. Must be adaptable to performing under minimal levels of stress.

Physical Communication: Requires the ability to talk and hear.

Prepared by: _____

Date: _____

Approval: _____