



Employee Job Description

Department: Conservation District (MCCD)

Position Title: Mosquito-borne Disease Control Program Seasonal Intern

Pay Classification: ENVI 1-20-00 (\$15.00/hr.)

Reports To: Conservation District Manager/ Mosquito Coordinator

Date of Job Description Creation/Update: 2/27/2026

JOB DESCRIPTION

General Statement of Duties

The Mosquito-borne Disease Control Program will implement the mosquito-borne disease control and Integrated Mosquito Management (IMM) throughout a three-county area; specifically, Mercer, Butler and Crawford counties. Key duties include fieldwork, data collection and entry, mosquito-borne disease control activities, and coordination with the Pennsylvania Department of Environmental Protection (PA DEP) staff.

Organizational Relationships

The Seasonal Mosquito-borne Disease Control Technician serves directly under the Full-Time Mosquito-borne Disease Control Program Coordinator. He/she is supervised by the Full-Time Mosquito-borne Disease Control Program Coordinator and is accountable to the Mercer County Conservation District (MCCD) Manager and the PA DEP to meet the terms of the contract pertaining to the Mosquito-borne Disease Control Program. This position is subject to all Mercer County Personnel Policies and the direction and wishes of the County Commissioners.

Job Duties and Responsibilities

Mosquito-borne Disease Control Program

- Assist with comprehensive field studies and monitoring on the abundance, distribution, and life stage of mosquitoes as it relates to effective treatment in the three-county area.
- Collect and submit mosquito samples on dry ice for virus isolation.
- Assist with entering collected data into the PA DEP West Nile Virus Data System and ship biological samples to the PA DEP's lab in Harrisburg, PA.
- Assist with effective mosquito larvicide program that targets known vectors of West Nile Virus and Zika Virus, particularly Culex and Aedes albopictus, while maintaining accurate records according to the PA Department of Agriculture regulations.
- Assist regional PA DEP staff when mosquito adulticide operations are planned within the three-county area.
- Assist in pre- and post-treatment monitoring of mosquito locations and map mosquito production areas.
- Conduct maintenance of the storage shed for pesticides and program equipment.
- Attend staff, Board, and other meetings as required.

ADDITIONAL JOB FUNCTIONS

- Operate a variety of machinery, equipment, and tools associated with work activities, which may include a motor vehicle, camera, mosquito collection equipment, pesticide application equipment, office equipment, and other instruments.
- Maintain daily narrative of work activity, accurate timesheet, and mileage log.

- This job description in no way states or implies that these are the only duties to be performed by the employee in this position.

WORKING CONDITIONS

- Work outdoors with visits to properties which may include subjectivity to water, fumes, chemicals, smoke, manure, dirt, weather, or other conditions.
- May have to navigate and traverse in rough terrain during adverse weather conditions.
- Subject to multiple deadlines, frequent disruptions and moderate stress.

REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES

- You are required to obtain a Public Pesticide Applicator's license (Core and Category 16) from the Pennsylvania Department of Agriculture (PDA) to apply pesticides in the Mosquito-Borne Disease Control Program.
- Ability to utilize information such as computer; word processing, database, spreadsheet and information such as technical operating manuals, procedures, guidelines, non-routine correspondence, laws, and regulations.
- Ability to perform addition, subtraction, multiplication, and division; ability to calculate decimals and percentages.
- Ability to coordinate eyes, hands, feet, and limbs in performing skilled movements.
- Ability to exert physical stress. Ability to lift, carry, push and pull. Ability to stoop, kneel, crouch, climb and crawl.
- Ability to endure mental stress that may result from day-to-day activities.

MINIMUM QUALIFICATIONS

- Must be able to pass the PA Child Abuse History Clearance (Act 151), PA State Police Criminal Background Check, and Fingerprinting immediately upon hiring and every 5 years.
- Must be able to pass the Pennsylvania Department of Agriculture's Pesticide Applicator Certification Test and maintain certification.
- Must have a clean driving record. A valid Pennsylvania driver's license is required.

Anticipated work dates: April 15, 2026 – September 30, 2026

This job description in no way states or implies that these are the only duties to be performed by the employee occupying this position. Employees will be required to follow any other job-related instructions and to perform any other job-related duties as requested by their supervisor.

How to Apply:

Please complete the standard [County of Mercer Application](#) and send a letter of interest, salary history, and your resume to the following:

Mercer County
HR Department
125 S Diamond Street, Suite 17
Mercer, PA 16137
hr@mercercountypa.gov

Applications can be submitted via USPS, e-mail, or hand delivered.

Deadline to Apply: March 14, 2026