



PEOPLE • CONSERVATION • RESOURCES

1206 Ag Center Drive, Pottsville, PA 17901-8732
Phone: (570) 622-3742, ex. 5
Email: schuylcd@co.schuylkill.pa.us
Website: www.schuylkillcd.com

NEW POSITION ANNOUNCEMENT

TITLE: Mosquito-borne Disease Control Technician

LOCATION: Schuylkill Conservation District
1206 Ag Center Drive
Pottsville, PA 17901

SALARY: \$20.00 per hour, seasonal full-time
(based on 40 hours per week April 2 – October 31, 2018)

BENEFIT ELIGIBLE: No

BRIEF SUMMARY: The Mosquito-borne Disease Control Technician is a seasonal full-time position. The technician will be responsible for implementing mosquito-borne disease control and Integrated Mosquito Management (IMM) throughout Schuylkill County. Key duties include fieldwork, data collection and entry, mosquito-borne disease control activities, and coordination with Pennsylvania Department of Environmental Protection (PA DEP) staff. ***This position is grant funded on a yearly basis. We currently have commitment for only one year of funding (ending 12/31/2018).***

REQUIREMENTS: Bachelor's degree in environmental sciences, entomology, biology, or related fields preferred; related experience; and knowledge of GIS.

A full job description is available below.

Interested individuals should submit their cover letter and resume to the following address:

Schuylkill Conservation District
Attn: Patrick McKinney
1206 Ag Center Drive
Pottsville, PA 17901
schuylcd@co.schuylkill.pa.us

Deadline to apply is March 23, 2018.

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JOB DESCRIPTION

Mosquito-borne Disease Control Technician
Seasonal Full Time
Schuylkill Conservation District

FLSA Classification: NON-EXEMPT

Position currently held by: Vacant

Date Last Filled: New Position

General Statement of Duties

The Mosquito-borne Disease Control Technician will be responsible for implementing mosquito-borne disease control and Integrated Mosquito Management (IMM) throughout Schuylkill County. Key duties include fieldwork, data collection and entry, mosquito-borne disease control activities, and coordination with Pennsylvania Department of Environmental Protection (PA DEP) staff.

This is a technical position in the field of aquatic biology and vector control. Work primarily involves surveillance and control of mosquitoes. Work includes varied levels of communication with the public, specifically providing education in the form of: presentations, articles and personal interaction, to reduce the burden of mosquito-borne disease.

This position will be required to work with biting insects that may be capable of transmitting disease.

Organizational Relationships

The Mosquito-borne Disease Control Technician serves directly under the Schuylkill Conservation District (SCD) Manager. He/she is also accountable to the PA DEP to meet the terms of the contract pertaining to the Mosquito-borne Disease Control Program.

Job Duties and Responsibilities

- Conduct comprehensive field studies and monitoring on the abundance, distribution, and life stage of mosquitoes as it relates to effective treatment in Schuylkill County.
- Collect and submit mosquito samples on dry ice for virus isolation.
- Enter all collected data into the PA DEP Mosquito-borne Disease Control website and correctly ship biological samples to the PA DEP's lab in Harrisburg, PA.
- Conduct an effective mosquito larviciding program that targets known vectors of West Nile Virus and Zika, particularly *Culex* and *Aedes albopictus*, while maintaining accurate records according to the PA Department of Agriculture regulations.
- Disseminate press releases indicating when and where spray applications will be applied. Also notify individuals in the Pennsylvania Pesticide Hypersensitivity Registry, local beekeepers, and local municipal officials.
- Prepare articles pertaining to mosquito-borne disease control for the Conservation District newsletter.
- Assist regional PA DEP staff when mosquito adulticide operations are planned within the county.
- Conduct pre- and post-treatment monitoring of mosquito locations and map mosquito production areas.
- Coordinate mosquito control educational programs in the county.

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- Attend meetings and training sessions that discuss the administration of the Mosquito-borne Disease Control program.
- Manage and maintain storage for pesticides and program equipment.
- Respond to all phone calls, correspondence and email about mosquito-borne disease control and surveillance, including complaints that may require continued follow up.
- Prepare monthly invoicing to the PA DEP for grant reimbursement, and keep detailed financial records for auditing purposes.
- 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.
- Attend the monthly District Board meetings and report to the Board of Directors on all activities and accomplishments for the month in the form of a monthly written report.
- Maintain daily narrative of work activity, accurate timesheet, and mileage log. Turn in daily log on a weekly basis and timesheet and mileage log on a monthly basis.
- This job description in no way states or implies that these are the only duties to be performed by the employee in this position. Other duties may be required and assigned by the District Manager and/or the SCD Board of Directors.

WORKING CONDITIONS

- Work indoors with adequate work space, lighting temperatures and ventilation; and outdoors with visits to properties which may include subjectivity to water, fumes, chemicals, smoke, manure, dirt, weather, or other conditions during outdoor visits to construction sites or dirt roads.
- 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

- Skill in working with the public. Ability to communicate effectively, both orally and in writing. Ability to listen and be objective. Ability to develop and maintain relationships.
- Ability to utilize information such as administrative procedures manuals, computer languages; knowledge of computer word processing, database, spreadsheet and presentation software and ability to operate computers; ability to utilize advisory data 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; may include the ability to perform mathematical operations involving basic algebraic principles and formulas, and basic geometric principles and calculations.
- Ability to exercise judgment, decisiveness and creativity in situations involving the evaluation of information against measurable criteria.
- Ability to coordinate eyes, hands, feet and limbs in performing skilled movements such as rapid keyboard use.

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- 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.
- Ability to travel overnight and/or multi-day when necessary to attend functions related to training, conservation, natural resources or environment, or any functions for the greater good of the Conservation District.
- Must initiate own work and have the ability to complete assignments with minimal oversight.
- Must have patience, tact, a cheerful disposition, enthusiasm and the willingness to handle a wide range of individuals

MINIMUM QUALIFICATIONS

- Bachelor's degree in environmental sciences, entomology, biology, or related fields preferred; related experience; and knowledge of GIS.
- 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 4 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.

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.

SCD is an Equal Opportunity Employer. In compliance with the Americans with Disabilities Act, the SCD will provide reasonable accommodations to qualified individuals with disabilities and encourages both prospective employees and incumbents to discuss potential accommodations with the employer.

Last Updated: March 16, 2018

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