



Seasonal Mosquito Technician and Watershed Specialist Assistant

Job Description of the Seasonal Mosquito Technician

The **Seasonal Mosquito Technician** position is a full-time, seasonal position from April through September.

General Statement of Duties

Responsible for implementing mosquito control, tick surveillance, and Education and Outreach activities regarding Integrated Mosquito Management (IMM) throughout Berks County. Key duties include fieldwork, data collection and entry, mosquito control activities, and coordination with neighboring counties and Pennsylvania (PA) Department of Environmental Protection staff.

Job Duties and Responsibilities

Assist the Berks County Conservation District Mosquito-borne Disease Coordinator in their day-to-day responsibilities. This may include:

- Use of insecticides, sampling, and control equipment safely; strictly following Department of Agriculture and Department of Environmental Protection laws and regulations.
- Provide County-wide education and outreach to English and Latino-speaking populations.
- Conducts field examinations of samples to determine insect: population, age, sex, and species.
- Prepares samples of mosquitoes or other arthropod vectors for laboratory processing.
- Enters sampling information into a multi-agency database, including location and environmental data.
- Coordinates surveillance and control activities with other program staff, including the Department of Environmental Protection and other county-based programs.
- Conducts mosquito control activities.
- Conducts other duties as assigned.

Education and Experience

- Class C Driver's License
- Currently possess or be able to acquire a PA Department of Agriculture Pesticide Applicator's License

Knowledge, Skills, and Abilities

- Physical ability to walk in heavily wooded and wet areas
- Ability to operate a motor vehicle and read road maps to travel to project and collection sites
- Ability to identify larval, pupal, and adult mosquitoes
- Ability to transport and set up equipment in isolated areas
- Ability to read and understand label directions for the application of insect eradication agents
- Ability to communicate effectively, both verbally and in writing
- Good attendance and punctuality in completing assigned program tasks
- Ability to have a flexible schedule



Job Description of the Watershed Specialist Assistant

General Statement Of Duties

Provide technical, informational and organizational assistance for the implementation and maintenance of riparian forest buffers, lawn conversion, restoration and enhancement of water resources, watershed assessment and monitoring, and control of invasive species. The Watershed Special Assistant is a resource mainly to the District Watershed Programs, but also to both the public and private sectors and is under the direct supervision and is accountable to the Conservation District Board of Directors where the position is located.

Job Duties And Responsibilities

Primary Responsibilities

- Develop planting plans for private, commercial, institutional, or municipal lands interest in the implementation of riparian forest buffers along watercourse and waterbodies.
- Implement the District's Riparian Buffer Voucher Program, include riparian monitoring through bi-annual field visits.
- Develop planting plans for private, commercial, institutional, or municipal lands interest in the implementation of meadows and pollinator habitat through lawn conversation.
- Assist public and private sectors with technical assistance related to water resources including stream, floodplain, and wetland restoration and enhancement.
- Provide technical assistance in the planning and implementation of structural and nonstructural best management practices (BMPs) designed to restore and protect surface and groundwater quality.
- Conduct/coordinate surface water quality assessments and coordinate with Cooperating Agencies on the results of such projects.
- Provide technical support and education to the private and public sectors concerning invasive species and proposed controls.
- Assist in the development and use of resource inventories, land use information and available water quality assessments to identify existing and potential sources of non-point source (NPS) pollution.
- Develop programs to achieve restoration and protection goals based on stream quality, land use, and input from cooperating agencies, organizations, individuals, and governing agencies.
- Support existing watershed organizations with technical assistance, watershed planning, and educational programs.

Secondary Responsibilities

- Prepare public outreach efforts for the general public and media on NPS issues and what is being done by various groups in different watersheds to restore and protect the waters of the Commonwealth.
- Encourage agencies, landowners, associations, and citizens to participate in watershed initiatives. Informing the same about state requirements regarding water resource protection as well as technical resources and funding opportunities that are available for the accomplishment of these initiatives.
- Provide general conservation district information to Berks County residents via telephone, fax, e-mail, or visitations.



District Activities

- Prepare written monthly reports of activities to the Watershed Coordinator.
- Serve on District committees as assigned.
- Prepare articles for newsletters or annual reports as requested.
- Attend staff and other meetings as requested.
- Perform other duties as requested by the District Executive.
- Attend any training declared mandatory by the Conservation Districts or DEP.
- Attend sufficient computer training to effectively use the software supplied by the Conservation District and DEP.

Minimum Required Education And Experience

- Bachelor's Degree in Biology, Environmental Resource Management, Geo-Environmental Studies, Environmental Science, Hydrology, or related field experience required.
- Experience with riparian forest buffers, lawn conversion, watershed assessment and monitoring, or water resource restoration and enhancement.

Minimum Required Knowledge, Skills And Abilities

- Ability to communicate effectively both verbally and in writing to a wide range of individuals and groups.
- Ability to traverse rough and uneven terrain in both indoor and outdoor environments.
- Ability to organize and prioritize effectively.
- Ability to work under supervision and independently.
- Working knowledge of basic computer operation and software.
- Valid driver's license.
- Some irregular work hours involving evening and weekend work is required

To apply for the position, send your resume to Tammy.Bartsch@berkscd.com.
The deadline for submission is July 29, 2024.

