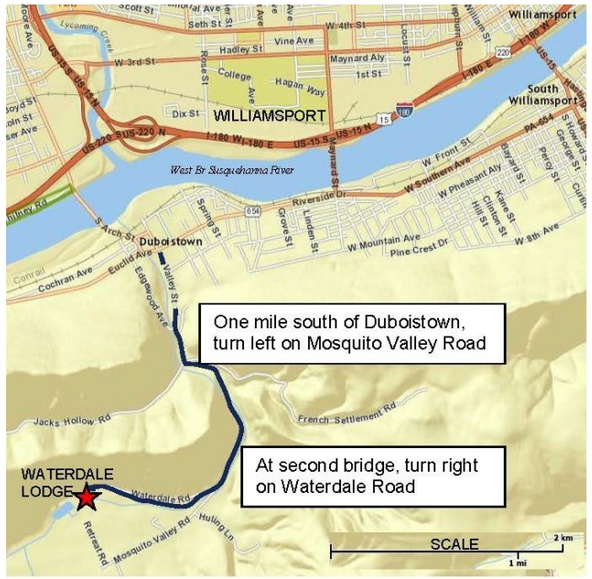
We're Close to You



Contact us for more Information

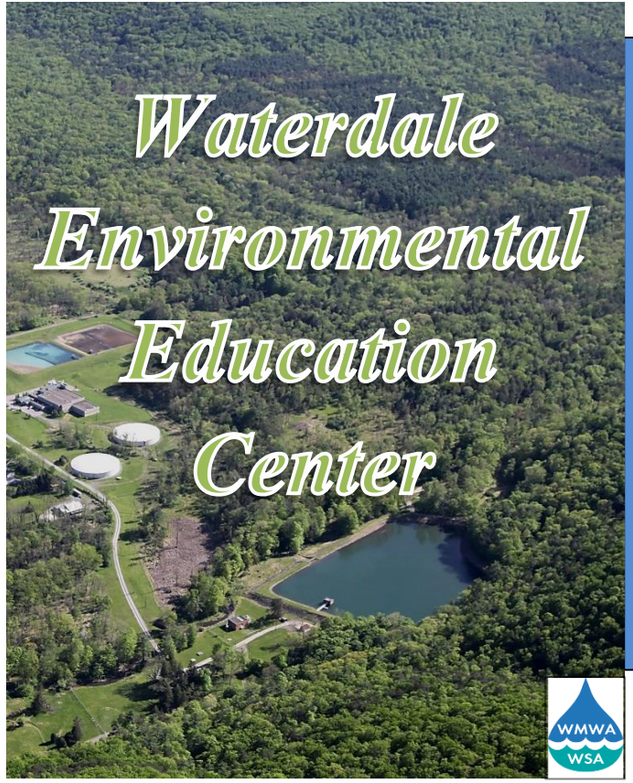
Williamsport Municipal Water Authority:
info@wmwa-wsa.org or
Ellen Derr at (570)323-6148

Lycoming College Education Department:
Dr. Amy Rogers - rogersa@lycoming.edu

Lycoming College Biology Department
Dr. Melvin Zimmerman -
zimmer@lycoming.edu

Lycoming County Conservation District
Carey Entz-Rine, Watershed Specialist
centz@lyco.org or (570)329-1618

Waterdale Environmental Education Center



Williamsport Municipal Water Authority

Programs and Field Trip Opportunities Offered

In partnership with

Lycoming College Education Department and Clean Water Institute

Lycoming County Conservation District

WBRA West Branch Regional Authority

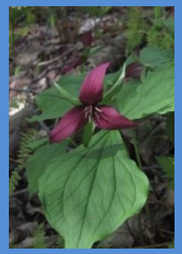
North Central Source Water Protection Alliance

An Educational Partnership

Connecting the Importance of Clean Watersheds To Public Drinking Water Protection

Located in the pristine and beautiful mountain valley of the Mosquito Creek Watershed near the Williamsport Municipal Water Authority Filtration Plant, the historic Waterdale Lodge is the center for a cooperative collaboration of public water supply utilities, academic resources, and local and state conservation agencies and organizations. This partnership provides opportunities for community education and outreach programs which emphasize the science and importance of good stewardship and protection of our natural resources and public water supply sources .


Waterdale Lodge



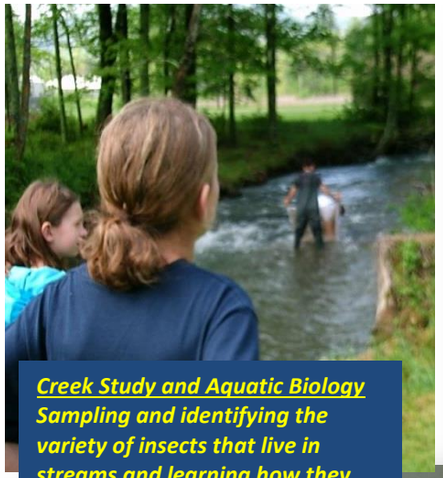
Programs, Activities and Resources

- *Full and partial day field trips for school groups from grades 4 to 12*
- *Hands-on indoor and outdoor learning activities with curriculum guides based on PA Department of Education Academic Standards*
- *Tours of Water Treatment Filtration Plant*
- *Bluebird and nature trails with tree identification signage*
- *Teaching materials and posters for aquatic biology, wildlife identification, and birding*
- *Facilities for conducting field tests and water quality monitoring*
- *Presenters for programs on raptors, native birds and wildlife from local conservation agencies and organizations*
- *Opportunities for Scouting advancement and conservation projects*

Creative Learning Activities

Tailored for Your Group

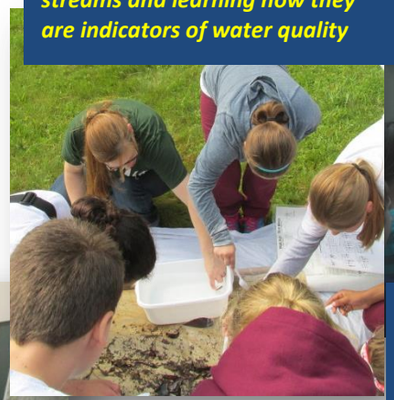
- *Creek Study and Aquatic Biology*
- *Water quality and stream monitoring*
- *Water cycle and Watersheds*
- *Geology, geography and history of the Williamsport watersheds; how geology and land use impact water quality*
- *Groundwater model demonstration*
- *Leaf packs for aquatic insect ID*
- *Leaf creatures*
- *Hidden colors of autumn leaves*
- *Exhibit and demonstration of falconry and raptors*
- *Scavenger Hunt and Tree Identification*
- *Water Filtration Plant tour and demonstrations*
- *Bluebird Trail and historical Remington ruins*



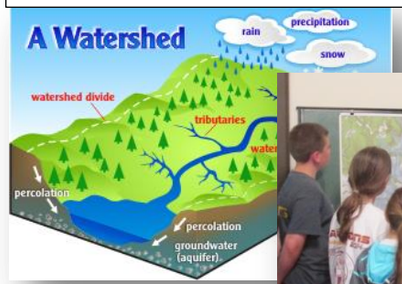
Creek Study and Aquatic Biology
Sampling and identifying the variety of insects that live in streams and learning how they are indicators of water quality

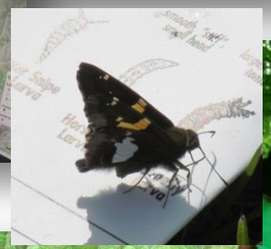
Our Mission

- *Through cooperative community partnerships, facilitate programs for public education and outreach about sustainable water resources;*
- *Provide a venue for scientific field work and teaching experiences in a real-world environmental setting utilizing local resource and academic professionals;*
- *Team with conservation agencies to provide educator training utilizing programs such as Project WILD and Project WET;*
- *Share information and experiences in water resource management and best management practices for protecting public water supply sources.*



Water Filtration Plant Tour
Learning how the treatment systems act as barrier to contaminants to protect public health





Enviroscape Watershed Model
Investigating potential sources of pollution of streams and groundwater

Nature Trail *– Exploring the many types of plants and wildlife in the watershed*

Water Monitoring and Testing
Hands-on analysis of key parameters of water

Lunch Time