Eligible Communities

Davidson County
Randolph County
Rockingham County
Archdale
Asheboro
Burlington
Elon
Gibsonville
Graham
Green Level
Haw River
High Point
Lexington
Mebane
Oak Ridge
Randleman
Reidsville
Summerfield
Thomasville
Trinity

What is Stormwater Pollution?

Have you ever washed a car in the driveway, or left dog waste on the ground? Most people don't understand how their everyday actions affect water quality. Almost two-thirds of water pollution in North Carolina is caused by nonpoint source pollution, or stormwater runoff. Rainwater carries dirt, oil, fertilizer, pet waste and other pollutants directly to our streams, lakes, and rivers. Stormwater SMART was created in 2004/2005 to help local communities address these issues through educating citizens.

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Stormwater SMART

Teacher Services K-12

PIEDMONT TRIAD REGIONAL COUNCIL

Stormwater SMART
www.stormwatersmart.org

What can *Stormwater* SMART do for me?

Program Topics

- **Enviroscape Program**
  Learn about watersheds, landforms, and ecosystems using an interactive 3-D model. (indoor/outdoor)

- **The Incredible Journey***
  All the water that will ever be is right now. How much water is there, and what happens when it's polluted? (indoor/outdoor)

- **Water Quality Monitoring:** *Learn about chemical and biological water quality monitoring techniques. Be ready to head out doors and get your hands dirty. (outdoor)*

- **Macroinvetebrate Mayhem*:** *Don't have a stream near your school, but want to learn about the bugs that determine our stream health? Try this fun outdoor activity distinguishes pollution tolerant from intolerant species. (outdoor)*

- **Soil to Seed:** *Understand how different types of soil affect water quality & what we can do about it. (outdoor)*

- **Water Address:** *Use your senses to learn about animals and their natural habitat.*

Additional Services

- Senior projects
- Community Service Opportunities
- Demonstration Projects
- Environmental Clubs
- Career Guidance

Maps

We can provide maps for your school including topographic, impervious surface, and watershed maps. Using local maps helps students make connections between their immediate environment and the natural world.

Many *Stormwater* SMART activities are based on the *Project WET* (Water Education for Teachers) curriculum. Project WET activities are interactive, multisensory, contemporary, relevant, solution-oriented, accurate, and science based. Activities are adaptable to many age ranges, subject areas, and time limitations.

Although we believe environmental education should be conducted, well, in the environment, it isn't always possible. We'll work with you to ensure the best possible programming, whether it takes place in the classroom or out-of-doors.

Students learn about the importance of vegetation in the *Project WET* activity "Just Passing Through"

Stormwater SMART is a program designed to inform the public about stormwater pollution and prevention. We work with K-12 teachers in the Piedmont Triad to ensure they have the resources they need to effectively teach these concepts. If your school is located in a *Stormwater* SMART community, please let us know how we can help you!