

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





Program Topics

- 👉 **What's Your Watershed?** *Learn about watersheds and landforms using local data.*
- 👉 **The Wonderful Water Cycle.** *All the water that will ever be is right now. How much water is there, and what happens when it's polluted?*
- 👉 **Water Quality:** *Learn about many types of water pollution and the techniques scientists use to determine watershed health. Participate in our StreamWatch program, and put your knowledge to the test!*
- 👉 **Water Quality Legislation:** *Use role-playing to understand how decision makers affect water quality.*
- 👉 **What is your Basin Facin'?** *Learn about your river basin and the problems it is facing.*
- 👉 **The Solution to Stormwater Pollution.** *Understand what Best Management Practices (BMPs) are, and how your community is using them.*
- 👉 **Water Quality in the News:** *What's all the hubbub about?*
- 👉 **Soil Types:** *Understand how different types of soil affect water quality.*
- 👉 **Economics of Water Quality:** *What does poor water quality mean for the economy?*

What

can

Stormwater SMART

do

for

me?

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.

Additional Services

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

Maps

Our GIS (Geographic Information Systems) Planner 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.



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!