

Resources

Don't let the storm get you all washed up, contact these local organizations for help on all of your immediate stormwater concerns, or simply detach and mail in the inquiries form on the back of this brochure.

NCSU/ Cooperative Extension
Transylvania County Center
Phone - 828-884-3109
transylvania.ces.ncsu.edu

NCSU/French Broad Watershed
Training Center
Phone - 828-665-2492
www.bae.ncsu.edu/programs/extension/wqg/

Transylvania County Soil & Water
Conservation District
Phone - 828-884-3230

Brevard City Planning Office
Phone - 828-883-8580
www.cityofbrevard.com

Transylvania County
Planning Office
Phone - 828-884-3205
www.transylvaniacounty.org

Land of Sky Regional Council
Phone - 828-251-6622
www.landofsky.org

Low Impact Development Center
www.lowimpactdevelopment.org

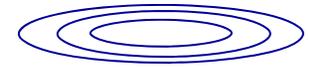
Tell us your stormwater information needs:

STATE UNIVERSITY
A&T STATE UNIVERSITY
NC COOPERATIVE EXTENSION
Helping People Put Knowledge to Work
98 E. Morgan Street
Brevard, NC 28712
Phone: 828-884-3109
Fax: 828-884-3142
www.ces.ncsu.edu/transylvania

NC State University Cooperative Extension Transylvania County Center is happy to offer publications to the public on developing and designing your own unique ways for managing stormwater in your home, garden, or place of business. For more information simply cut out and mail in this response form highlighting your specific stormwater interests.

NC STATE UNIVERSITY

When it Rains



It Drains



◆—————◆
**A Guide to Stormwater Management
For Transylvania County**
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Did you know...

- North Carolina's population has been doubling every 50 years for the past 200 years.
- Developed acreage in North Carolina increased 88.1% (1.7 million acres) over a fifteen year period from 1982-1997
- Transylvania County's population increased by 14.9% from 1990-2000, from 25,520 to 29,334.
- More developed land results in more impervious surface...
- Impervious surfaces such as rooftops, roads, parking lots, driveways, and sidewalks increase the speed and quantity of stormwater runoff reaching streams.
- Stormwater runoff enters storm drains and sewer systems usually flowing **untreated** into our streams, lakes, and rivers.



- Eroded soil and sediment, fertilizers, toxic chemicals, heated water and excess stormwater volume create adverse effects on aquatic life and riparian vegetation, not to mention our fresh water supply.
- We can lessen future impact on our land and water by the choices we make today.

Do you care enough to make a difference?



When precipitation from rain or snowmelt flows over the ground unable to penetrate the surface

Where do you stand?

With over 42% of Transylvania County located within National Forests and State Parks, an interest in environmental stewardship embodies the spirit of all who live and work within this unique community. Efforts are being made throughout the county to reduce the effects of stormwater on the natural environments that distinguish and define our area. Though stormwater regulations are beginning to impact communities with higher population and developmental densities, smaller communities, such as our own, are taking a proactive approach.

So...

Private business owners in conjunction with public officials and others have begun making strides to promote awareness of the solutions for the problems concerning stormwater and its effects on our land and water.

- **College Station Shopping Center** integrated storm water management into their construction plan, including 12 **bio-retention** areas situated in islands throughout the parking lot, cooling and filtering stormwater runoff entering streams.



- **The Paul Porter Center** on the campus of Brevard College directs all stormwater runoff from the rooftop and parking lot into a specially designed and landscaped **stormwater wetland** area, known as the Townsend Wetlands Garden. Wetlands are one of nature's greatest filtration systems, filtering out chemicals, toxins, and oils gathered by stormwater runoff.



- **Brevard Orthopedics** incorporated a simple, yet highly functional **grassed swale** into the landscape of their lower parking area. Utilizing the swale as a detention basin to collect stormwater runoff from the rooftop and parking lot, harmful pollutants are filtered as the water infiltrates into the grass and soil.



- The **Transylvania County Public Library** has two **rain gardens**, one of which is situated in the parking lot closest to building, while the other is located between the parking lot and Gaston Street. A mix of sand, soil, compost, and native plants is specially designed to capture, cool, and filter stormwater runoff before it enters our streams and rivers. **Rain gardens** have already been constructed outside of the Community Services building, the Arts Council, and Blue Ridge Community College for public demonstration of the environmental and aesthetic benefits.