



MS4 Storm Water Compliance & Assistance Program Update

December 2008

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Tennessee Storm Water Association *Update!*

The first annual statewide **Tennessee Stormwater Association** conference was held in Memphis on October 13, 2008, and the Association was confirmed as a 501(c) (3) Not for Profit entity. By-Laws were read and approved, and Officers and Board Members were elected. This new Association will provide the MS4s with a forum to share ideas, questions, and knowledge, as well as provide a united voice to participate in any permit process or legislation that may affect municipalities across the state.

Regional meetings are held quarterly and offer exciting opportunities for Collaboration, assistance, and information dissemination. A dedicated website to this Association is expected to be on the internet by March 2009.

The New Board Members are:

Name	Office	MS4	Email
Todd Spangler	President	City of Brentwood	spanglert@brentwood-tn.org
Chris Masin	Vice-President	Shelby County	Chris.Masin@shelbycountyttn.gov
Sandra Knight	President-Elect	Bradley County	sknight@bradlevco.net
Nick Strong	Treasurer	Sumner County	nstrong@sumnertn.org
Scott Morgan		City of Memphis	scott.morgan@memphistn.gov
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Jonathan Jobe		City of Cleveland	jjobe@cityofclevelandtn.com
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Daniel Wankel		City of Kingsport	wankel@ci.kingsport.tn.us
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John Chlarson	Secretary	MTAS	John.Chlarson@tennessee.edu

Inside this issue:

WaterWorks! "Offering Affordable Public Service Announcements to MS4s" Pg. 2

Tennessee Online Stream Assessment Site Pg. 3

Update on 2nd QLP Advisory Committee Meeting Pg. 3

City of Franklin Sustainability Statement Pg. 4

CONGRATULATIONS! GREEN INFRASTRUCTURE GRANTS WINNERS!

TDEC partnered with TDOT, TVA, and the **Tennessee Stormwater Association** to offer a grant program designed to help local governments fund **green infrastructure** and **low-impact development** projects. Grants ranged from \$10,000 to \$30,000 were awarded to local governments through a competitive process for projects including rain gardens, green roofs, pervious concrete applications, trees and tree boxes, as well as outreach and education efforts designed to promote green development in Tennessee communities.

Seventeen green development applications were received from across the state. Submittals were received from small towns as well as major metropolitan areas. We selected the following four projects to fund from this year's solicitation:

- City of Lakeland
- City of Knoxville (Downtown Dog Park)
- City of Athens
- City of Nashville

We appreciated both the quantity of applications we received and the quality of the projects proposed. A Press Release will be issued in coordination with our partners within the next couple of weeks.





WaterWorks! - Offering Affordable Public Service Announcements to MS4s

Currently, WaterWorks! ads are being played statewide in areas where MS4s have previously contracted with the Bill Hudson Agency. However, recently these contracts expired. Don't forget-- ads will be pulled January 2009 for any contracts that have not been reinstated.

If you would like to continue public education and outreach in the form of WaterWorks! television and radio ads, the *Tennessee Association of Broadcasters (TAB)* will offer the MS4s continued service and reduced rates under the 'Public Education Partnership in the Non-Commercial Sustaining Announcement Program' (NCSA).



There is a detailed powerpoint explaining the benefits of this particular type of broadcasting. These ads can also be played on your local public service channels. Many ads are available in the WaterWorks! toolbox,

which allow for affordable circulation of various messages. If you would like more information on this kind of broadcasting, or to see what ads are available, contact Cynthia Allen (callen@mtsu.edu or 615-898-2660).

Remember! Renewal of contracts by January 2009 will ensure no breaks occur in the airtime or reporting of these ads. TAB Contact Jill Green can assist you with those and answer any questions you might have regarding funding and/or reporting. Jill can be reached by phone (615-365-1840) or by email at tabtn@bellsouth.net.

WaterWorks! is a public education and outreach program through the Middle Tennessee State University (MTSU)



Center for Environmental Education designed to promote clean water in Tennessee.

WaterWorks! provides education materials and information to stormwater municipalities, watershed and other citizen groups, and to the general public, to raise awareness and reinforce the message of individual responsibility for water quality in Tennessee.

<http://www.tennesseewaterworks.com/>

***New EPA Report!* Urban Stormwater Management in the U.S.**

EPA recently released (October 2008) study by the National Research Council on stormwater. It's a very thorough review of, among other things, the critical importance of managing stormwater flows, not just because they carry pollutants, but because of the devastating effects changes in flow (both high and low) have on receiving waters: http://www.epa.gov/npdes/pubs/nrc_stormwaterreport.pdf

Next Regional TNSA Meetings

Additional details on dates, times, and locations will be emailed when updated.

Region	Venue	Date & Time
West Tennessee	TBA	March 3, 2009 1:30 P.M.
Middle Tennessee	Franklin City Hall	TBA
East Tennessee	Knox County Engineering & Public Works Complex	January 21, 2009
Northeast Tennessee	Gray Commons/Fire Station on Hwy 75 Gray, Tennessee	TBA
Southeast Tennessee	Development Resource Center, Conference Room 1A	January 20, 2009 10:00 A.M.



Update! 2nd QLP Advisory Committee Meeting — October 29, 2008

At this meeting of the QLP Advisory Committee, we recapped the proceedings from our previous QLP kickoff meeting, which included a QLP program overview and an initial discussion of potential incentives that TDEC could provide to encourage MS4 participation in the QLP process. We had also asked the committee members to consider how a QLP program would benefit their respective organizations, and what potential incentives they could offer.

After the recap, we presented examples of existing QLP programs found in other states. The programs reviewed differ, in that some have detailed and comprehensive requirements for QLP status, while others are fairly basic. However, none of the programs seemed to have addressed incentives to encourage MS4 participation.

Next, we reviewed the draft TDEC Minimum Requirements for Qualified Local Program Certification which consisted of three sections:

- Core Program Components
- Specific requirements for construction operators to develop and fully implement a SWPPP which has all of the elements identified in Section 3 of the Current Construction General Permit (TNCGP)
- Processes to recognize Priority Construction Activities, including construction activities with discharges routing into, or immediately upstream of, waters of the state identified as impaired (for siltation) or high quality. The MS4 program must include additional components and specific requirements related to Priority Construction Activities.

We then discussed and prioritized QLP recommendations and incentives that had been identified by the committee to date. These included:

- Fees
- Enforcement
- Minimum staffing and tracking requirements
- QLP requirements made static through a contractually bound timeframe
- Streamlining the CGP coverage applications
- Additional QLP program scope.



Finally, we briefly discussed the establishment of a long-term Stormwater Advisory Committee. It is envisioned that the committee will become active early in 2009 and will play an advisory role in the development of future TDEC stormwater permits, guidance manuals and training.

NEW! Tennessee Online Stream Assessment Site

<http://gis3.memphis.edu/wpc/>

This site contains the 2008 Water Quality Assessment layers, the High Quality Streams layers, and streams impaired by Siltation from the 2008 303(d) list. TDEC will also add aerial photography back to the site soon. Query by stream name (Case Sensitive) or by Entity ID (Case Sensitive). Zoom in by lat/long (Decimal Degrees) using the blue xy tool in the upper right. You may need to zoom a couple of times from the statewide view before you get in tight to the Lat/Long you specified.

Specific maps depicting watersheds impaired specifically for siltation and/or pathogens may be found at:

<ftp://stormwater@ftp.hamiltontn.gov/>

The files are in a folder named SETNMS4 and located in a folder named GIS.

password – stormwater
username – stormwater

Please contact Leah Crisp at 423-209-7851 with any Hamilton County website questions or Robert Karesh with any data questions.





City of Franklin Sustainability Statement – December 12, 2008

The following is an editorial submitted by Crystal Bishop, Chair of the Middle Tennessee Chapter of the Tennessee Stormwater Association for your interest.

The World Commission on Environment and Development defines sustainable development as one that meets the needs of the present without compromising the ability of future generations to meet their own needs. The City of Pasadena defines a sustainable city as a community of residents, neighbors, workers, and visitors who strive together to balance ecological, economic, and social needs to ensure a clean, healthy and safe environment for all members of society and for generations to come.

In March of 2008, Alderman Ken Moore asked the City of Franklin Board of Mayor and Alderman to endorse his vision for becoming a top 25 city in sustainability and

commit to developing an ongoing strategy of sustainability for the community.

This initiative will be designed to achieve viable, fulfilling, and rewarding lifestyles for our residents and business partners through responsible and innovative management of the environment.

Franklin will be embracing the Star Community Index, a national, consensus-based framework for gauging the sustainability and livability of U.S. communities. The Star Community Index is being developed through a partnership between ICLEI-Local Governments for Sustainability (ICLEI), the U.S. Green Building Council (USGBC), and the Center for American Progress (CAP).

In November, the City of Franklin Sustainability Task Force commenced work on developing a Green City Action Plan.

Nine sub-committees have been assigned to identify two or three initiatives, measurable benchmarks, and improvement strategies for each of the following nine sustainable categories:

- Alternative Fuels
- Energy
- Environmental Health
- Public Education
- Transportation
- Urban Design
- Urban Nature
- Waste Reduction
- Water

Through education and conscientious implementation Franklin will soon become a leader in sustainability practices and in affect positive changes to the society, economy, and environment.

For more information, please contact Crystal Bishop at:

crystal.bishop@franklintn.gov

New Resource Website for Green Highways and Green Streets Projects

The [Low Impact Development Center, Inc.](http://www.lowimpactdevelopment.org/greenstreets/) has launched a new resource website for Green Highways and Green Streets projects.

<http://www.lowimpactdevelopment.org/greenstreets/>

The Center, a non-profit 501 (c) 3 organization that focuses on water resource and sustainable design, has been working to develop strategies for the integration of green and grey infrastructure for over 10 years. This website provides information on basic research, pilot projects, standards and specifications, planned and constructed projects that the Center has been involved in across the country through work with the EPA, the National Academy of Sciences, FHWA, state and local DOTs, Municipal Planning Organizations, and industry. Links to other green streets programs are provided on the site. This is the first iteration of what will be a comprehensive and valuable resource to help build and restore our nation's infrastructure using green approaches.

This information was posted on EPA's Non Point Source List Server. To join, please go to:

<http://www.epa.gov/owow/nps/npsinfo/index.html>

