

TREES, THE MISSING PIECE:

The Relationship Between
Vegetation and Storm Water

Trees and other vegetation not only provide a method of reducing storm water runoff volume, but also are responsible for removing pollutants from the water itself through bio-retention and filtration. Trees are capable of treating storm water at the source, and provide us with a feasible method of reducing the impact of storm water on urban watersheds.

Trees in urban areas can protect water quality by substantially reducing the amount of runoff from storms. Trees can reduce runoff and pollutant loads by 20% - 60%. Their extensive fibrous root systems also hold soil in place, reducing further impacts on water quality due to erosion.



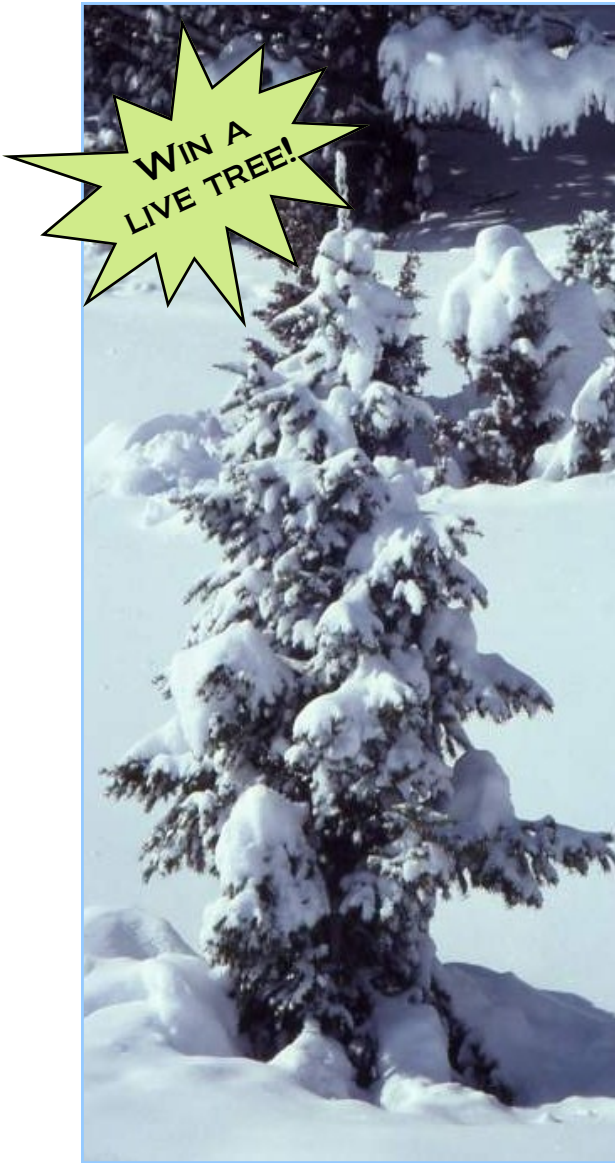
The Charleston Storm Water Department in association with Kanawha County Schools is participating in *Artwalk* 2012, December 20th. Display will be located at the City Service Center throughout December.



Join us Thursday, Dec. 20, 2012 from 5:00-8:00 to see local elementary student's ornaments inspired by the protection of our rivers and drinking water.



Clean water starts at home...
www.charlestonstormwater.org - 304-348-8106



Sign up for a chance to win a decorative root-ball tree from Valley Gardens. Trees reduce Storm water runoff and protect our water sources.
Value: \$100.00



ArtWalk

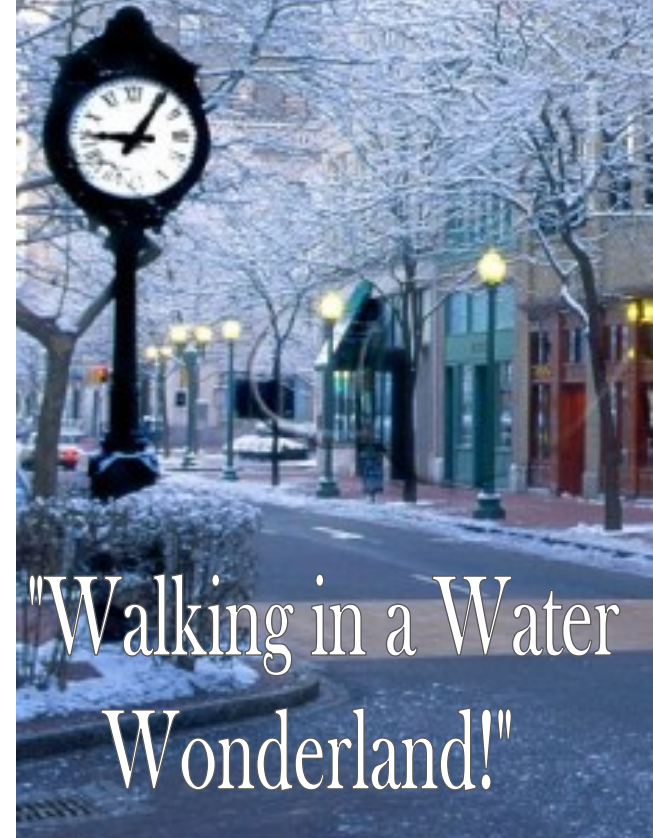
Thursday,
December 20, 2012
5:00-8:00 pm
City Services Center
915 Quarrier St.
Refreshments
Tree Giveaway
Student Art Exhibit

Join us!!!!



Life in us is like the water in a river.
- Henry David Thoreau

The City of Charleston
Storm Water Department
presents...



2002-2012



10 Colorful Years