

Family Stream Day 2011



Visit online at
www.loudounwatershedwatch.org
& www.loudounnature.org



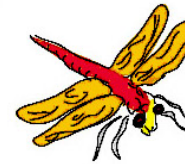
Passbook Holder's Name Here

Loudoun Watershed Watch &
Loudoun Environmental Stewardship Alliance

present an

**X-Stream-ly
Awesome**

educational event for all



Family Stream Day 2011

October 15
11 a.m. to 3 p.m.

Hosted by
at Loudoun Water at the Aquary
44865 Loudoun Water Way
Ashburn, VA 20147
off Loudoun County Parkway



Station 1: Your Watershed Address

by: Piedmont Environmental Council

www.pecva.org

What is a watershed? Do you know your “watershed address?” Check out the watershed maps of Loudoun County and mark your address with a pin. Local streams carry runoff to the Potomac River and Chesapeake Bay. Discover what you can do to protect Loudoun’s streams. Pick up information on how you can help and get involved!

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Station 2: Make Your Own Watershed

by: Claude Moore Park

www.loudoun.gov/claudemoorespark or 571-258-3700

Watersheds are the lands that collect the water when it rains and then drain into our streams, rivers and bays. Make your own paper watershed model. Where will you put the schools, homesites and stores? Discover how these decisions affect how clean our water can be.

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Station 3: Leave No Trace

by: Blue Ridge Center for Environmental Stewardship

www.blueridgecenter.org

Learn how you can enjoy our natural areas yet keep them safe and clean for all. Play an interactive game that teaches responsible recreational use of natural areas.

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Station 12: Monitor Our Water

by: Loudoun Watershed Watch

www.loudounwatershedwatch.org

Join in the more than 200,000 people in 85 countries who monitor local waterways as part of World Water Monitoring Day. Learn how to conduct core set of water quality parameters including: temperature, acidity (pH), clarity (turbidity) and dissolved oxygen (DO).



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Family Stream Day 2011 Bonus Stations

Plant a Tree in the Aquary

Help Loudoun Water plant seedlings and trees along its Aquary outdoor interpretive trails. This planting celebrates customers who are helping them save paper, which of course, saves trees, and has been registered as a National Public Lands Day Every Day event. Roll up your sleeves and grab a trowel. Visit station 5 to learn the planting locations.

Geocache Kids

Get your special 10th Annual Family Stream Day GeoCache token to commemorate this year's Event. There will be a Gocache box set up on the Aquary Trail for those who want to search for it and the tokens will also be available at the Loudoun Water table while supplies last.



Station 10: Erosion in a Bottle

by: Audubon Naturalist Society - Rust Sanctuary

www.audubonnaturalist.org

In this activity kids will use recycled materials to create our own erosion experiment and learn the concept of erosion & observe erosion caused by runoff. We will also observe potential problems caused by water running over pervious and impervious surfaces.



AUDUBON NATURALIST SOCIETY
Connecting People with Nature in the DC Region | ANShome.org

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Station 11: What's Buggin' our Streams?

by: Loudoun Wildlife Conservancy

www.loudounwildlife.org

Aquatic insects live in streams under rocks and provide food for fish, turtles and frogs. Lots of insects mean a healthy stream. Loudoun Wildlife Conservancy monitors aquatic insects and other water quality indicators throughout Loudoun County. Come see live aquatic insects and test for water quality. Learn how volunteers monitor streams. Join in for "Nature Walk"



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Station 4: Make Your Mark!

by: Loudoun Storm Water Management and the Town of Leesburg

www.loudoun.gov/stormwater

Find out how you can let your neighbors know where the rain goes and that it's important not to throw or dump anything down the stormdrain. Stormdrains flow to our creeks, streams, rivers and the Chesapeake Bay. The Town of Leesburg and the Loudoun County Dept. of General Services have programs to help you mark stormdrains in your neighborhood with "Don't Dump, Drains to River" labels. Come try your hand at the stormdrain throw.



Leesburg
discover the charm.

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Station 5: Water Water Everywhere

by: Girl Scout Council of the Nation's Capital

www.gscnc.org or 703-777-5644

Make your own water snooper to look at creatures that live in our streams, creeks and ponds. Discover ways children can conserve water at home and school.

Everyone can do some activities from the Brownie Handbook the Water Everywhere Try-It and our new Girl Scout "Water Wonders" Journey Book.



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Station 6: Identify A Tree

by: Loudoun County Master Gardeners Tree Steward Team

www.loudouncountymastergardeners.org

Maple, Sycamore, Pine, Birch: what do you have in your backyard? Play the tree ID guessing game and see how right you are! Check out our Tree Poster with true/false facts and get all your tree questions answered. See how trees help produce healthy streams and good water quality by decreasing runoff and increasing stormwater infiltration.

Many publications are available on topics such as: How to

Plant Trees, Managing Winter Tree Injury,
Trees for Wet &
Dry Sites, Problem
Free Trees for VA
Landscapes



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Station 7: How Clean is This Stream

by: Goose Creek Association

www.goosecreekassn.org

Water that look clean may actually be polluted. Did you know clean water supports different “bugs” than polluted water does? View our samples of stream water, find the macroinvertebrates that are living in them to determine which water sample is cleaner.

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Station 8: Drain Dump Stumper

by: Loudoun Water

www.loudounwater.org

Are you poisoning your water? Play the Drain Dump Stumper Game. The most common and likely cause of water supply contamination comes from the daily, collective effects of thousands of well-meaning consumers who dump dangerous materials, along with fats, oils and grease, down their drains. Try your luck at the Drain Dump Stumper Card Game and learn which items are safe for the drain and which are not. Pick up a Can the Grease activity sheet along with a grease bag to help you keep fats, oils and grease out of your drains.



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Station 9: Erosion & Sediment Control

by: Loudoun County Building and Development

<http://www.loudoun.gov/Default.aspx?tabid=636>

Sediment is the # 1 pollutant of surface water and greatly affects our water quality. Learn how the County is preserving and protecting our water resources and the Chesapeake Bay. Check out the interactive Enviroscape and learn how citizens impact water quality and the everyday things you can do to help.



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