



Anne Arundel County • Watershed Stewards Academy

Toolbox List October 2015



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Bay Health

Resource	Source	Contact/Order Information
<u>"Air Pollution and the Chesapeake Bay"</u>	Chesapeake Bay Program CBP/TRS 222/104 EPA 903-F-99-002 Jan. 2001	Dryden Barnes; 410-267-5701 Barnes.dryden@epa.gov Chesapeake Bay Program 410-267-5700 or 800-YOUR-BAY www.chesapeakebay.net
<u>Bay Smart: A Citizen's Guide to Maryland's Critical Area Program</u> VIEW ONLINE	Critical Area Commission DNR Publication 10-9182007-248	Additional copies from Critical Area Commission, 1804 West St, Suite 100, Annapolis MD 21401 410-260-3460 Mary Owens: mowens@dnr.state.md.us Also can be downloaded: http://www.dnr.state.md.us/criticalarea/pdfs/baysmart.pdf
<u>Total Maximum Daily Loads: A Citizen's guide to the Chesapeake Bay TMDL</u> VIEW ONLINE	Chesapeake EcoCheck and Chesapeake Bay Program	Can be downloaded at: http://ian.umces.edu/pdfs/ian_newsletter_314.pdf
<u>Bay Barometer: Spotlight on Health & Restoration Assessment of the Chesapeake Bay and Watershed in 2013-2014 booklet</u> VIEW ONLINE	Chesapeake Bay Program	Chesapeake Bay Program Office 410-267-5700 http://www.chesapeakebay.net/publications/title/bay_barometer_health_and_restoration_in_the_chesapeake_bay_watershed_2013_2 Dryden Barnes 410-267-5701 Barnes.dryden@epa.gov
<u>Chesapeake Quarterly: Storm Over Drains Volume 4 Number 4 Magazine</u> VIEW ONLINE	MD Sea Grant College Program	mdsg@mdsg.umd.edu 301-405-7500 Jeanette Connors connors@mdsg.umd.edu Download at: http://www.mdsg.umd.edu/CQ/V04N4/
<u>2013 Chesapeake Bay Report Card and Stream Health Indicator</u> VIEW ONLINE	NOAA/University of Maryland Center for Environmental Science	www.eco-check.org/ http://ian.umces.edu/ecocheck/report-cards/chesapeake-bay/2013/
<u>Maryland BayStat</u> VIEW ONLINE	Office of the Governor	http://baystat.maryland.gov/current-health/

The following organizations also provide report cards or water quality data:

Anne Arundel County Health Department <http://www.aahealth.org/programs/env-hlth/rec-water/reports>
 Magothy River Association <http://www.magothyriver.org>
 Severn RiverKeeper <http://www.severnriverkeeper.org/monitoring/>
 Operation Clearwater <http://ola4.aacc.edu/sghornor/>
 South River Federation <http://www.southernriverfederation.net/index.php/water-quality/water-quality-data>
 West/Rhode RiverKeeper <http://www.westrhoderiverkeeper.org/index.php/programs/water-quality-monitoring.html>

Community Outreach

Resource	Source	Contact /Order Information
<p><u>"After the Storm: A Citizen's Guide to Understanding Stormwater"</u> Pamphlet VIEW ONLINE</p>	<p>EPA EPA 833B-03-002 Jan 2003</p>	<p>Additional copies: National Service Center for Environmental Publications at 800-490-9198 nscep-priority@bps-lmit.com or http://www.epa.gov/ncepihom/ Web version: www.epa.gov/owow/weatherchannel/after_the_storm-read2.pdf</p>
<p>Behavior Change Handbook</p>	<p>WSA Office</p>	<p>Compiled by Chase Bergeson, this handbook includes ready made behavior change campaigns and tools.</p>
<p>Chesapeake Bay Trust Behavior Change Resource Page VIEW ONLINE</p>	<p>Chesapeake Bay Trust</p>	<p>http://www.cbtrust.org/site/c.miJPKXPCJnH/b.5457571/k.50A7/Additional_Resources.htm</p>
<p><u>Fostering Sustainable Behavior</u> by Doug McKenzie Mohr VIEW ONLINE</p>	<p>Fostering Sustainable Behavior Community-Based Social Marketing</p>	<p>Community- Based Social Marketing Primer View or Download at: http://www.cbsm.com/public/world.lasso</p>
<p><u>From My Backyard to Our Bay: An Anne Arundel Resident's Guide to Improving our Environment and Protecting Our Natural Resources</u> Booklet VIEW ONLINE</p>	<p>Anne Arundel County WSA and Soil Conservation District</p>	<p>Hardcopies available from WSA Download at: http://www.aawsa.org/Important-Resources/View-category/Page-3.html</p>
<p><u>Getting in Step: A Video Guide for Conducting Watershed Outreach Campaigns</u> DVD ***5 copies available for check out from WSA Lending Library****</p>	<p>EPA EPA-841-C-07-001</p>	<p>National Service Center for Environmental Publications at 800-490-9198 or www.epa.gov/ncepihom/index.htm nscep@bps-lmit.com Don Waye, U.S. EPA Nonpoint Source Control Branch (OWOW/AWPD) (202) 566-1170 waye.don@epa.gov http://water.epa.gov/index.cfm</p>
<p>"Getting In Step: Developing Your Message and Publicizing it Effectively" Webcast VIEW ONLINE</p>	<p>EPA</p>	<p>View online: www.clu-in.org/conf/tio/gettinginstep_072005/ http://cfpub.epa.gov/npstbx/index.html</p>
<p>"Handbook for Developing Watershed Plans to Restore and Protect Our Waters"</p>	<p>EPA EPA 841-B-08-002</p>	<p>Download at: http://water.epa.gov/polwaste/nps/handbook_index.cfm</p>

VIEW ONLINE		Or obtain via National Service Center for Environmental Publications (NSCEP). 800-490-9198 or nscep@bps-lmit.com .
<p>“Handbook for Developing Watershed Plans to Restore and Protect Our Waters” <i>Webcast</i> (to answer questions about handbook referenced above and watershed plans) VIEW ONLINE</p>	EPA and Tetra Tech, Inc.	View Online: www.clu-in.org/conf/tio/owhandbk_011806/
<p>“Reduce Runoff: Slow it Down, Spread it out, Soak it in!” <i>DVD.</i> VIEW ONLINE</p>	EPA 842-11-001	Additional copies: National Service Center for Environmental Publications (NSCEP) nscep@bps-lmit.com or 800-490-9198. View or Download at: water.epa.gov/polwaste/green/video.cfm
<p>“Watershed Central: Designed to provide state, local, and voluntary watershed management entities with a variety of tools and information that will aide in successful watershed management” <i>Web tool</i> VIEW ONLINE</p>	EPA	View Online: www.epa.gov/owow/watershed/watershedcentral/process.html
<p>“Eight Tools for Watershed Protection in Developing Areas” <i>Webcast</i> VIEW ONLINE</p>	EPA	View Online: www.clu-in.org/conf/tio/watershedtools_062205/
<p>“What is a Steward?” One page description of the Watershed Stewards Academy and the role of a Master Watershed Steward.</p>	WSA	Available from WSA office
<p>WSA 2013 Annual Report VIEW ONLINE</p>	WSA	Available for download at aawsa.org
WSA Outreach Activities	WSA	Available from WSA office

Community Stormwater Solutions

Resource	Source	Contact /Order Information
<p>“Living Shorelines for the Chesapeake Bay Watershed” <i>brochure</i> VIEW ONLINE</p>	<p>Chesapeake Bay Foundation</p>	<p>chesapeake@cbf.org 888-SAVEBAY (728-3229)</p> <p>View also at: www.cbf.org/Document.Doc?id=60</p>
<p><u>Reducing Stormwater Costs through Low Impact Development (LID) Strategies and Practices</u> <i>Report</i> VIEW ONLINE</p>	<p>EPA EPA 841-F-07-006, December 2007</p>	<p>National Service Center for Environmental Publications at 800-490-9198 nscep-priority@bps-lmit.com www.epa.gov/ncepihom/index.htm</p> <p>Or download at: http://water.epa.gov/polwaste/green/costs07_index.cfm</p>
<p>“Reduce Runoff: Slow It Down, Spread It Out, Soak It In,” 9-minute on-line <i>video</i>. VIEW ONLINE</p>	<p>EPA & US Botanic Garden</p>	<p>Video - https://www.youtube.com/watch?v=huO_NRn34GI</p>
<p>“A Quick Guide to Green Roofs” VIEW ONLINE</p>	<p>International Green Roof Association (IGRA), based out of Germany.</p>	<p>View/Download : 1) “A Quick Guide to Green Roofs”: www.igra-world.com/links_and_downloads/images_dynamic/IGRA_Green_Roof_Pocket_Guide.pdf (Great overview & pics) info@igra-world.com</p>
<p>“Achieving Sustainable Site Design through Low Impact Development Practices” by Anne Guillette, Low Impact Design Studio <i>web article</i> VIEW ONLINE</p>	<p>Whole Building Design Guide website</p>	<p>View Online: www.wbdg.org/resources/lidsitedesign.php%20%20</p> <p>Last updated: 10-18-2010</p>
<p>“Low Impact Development Technologies” by Anne Guillette, Low Impact Design Studio <i>web article</i> (7 different technologies and a schematic are included) VIEW ONLINE</p>	<p>Whole Building Design Guide website</p>	<p>View Online: www.wbdg.org/resources/lidtech.php%20%20</p> <p>Last updated: 10-18-2010</p>

Forest Buffers

Resource	Source	Contact/Order Information
<u>Community Forest Buffer Guide</u> <i>book</i>	Chesapeake Bay Foundation	Headquarters and Maryland State Office phone: 410-268-8816 http://www.cbf.org/
“Chesapeake Bay Forests Matter” <i>poster</i>	USDA Forest Service	
“Riparian Forest Buffers: Forests on the Water’s Edge” <i>brochure/poster</i> VIEW ONLINE	Chesapeake Bay Program; VA DOF ; PA DCNR Forestry; MD DNR; USDA FS	Download at: http://www.dof.virginia.gov/infopubs/RFB-Forests-on-the-Waters-Edge-2013-12_pub.pdf
“Understory Plants for Riparian Forest Buffers” <i>Fact Sheet</i> VIEW ONLINE	MD Extension, UMD	Download at: http://extension.umd.edu/sites/default/files/docs/programs/riparianbuffers/FS727.pdf

Native Plants

Resource	Source	Contact/Order Information
<p><u>Native Plants for Wildlife Habitat and Conservation Landscaping Chesapeake Bay Watershed 2009 Book</u> VIEW ONLINE</p>	<p>US Fish and Wildlife Service, Chesapeake Bay Field Office, Annapolis, MD</p>	<p>Download additional copies at: www.nps.gov/plants/pubs/chesapeake/ Website: www.nativeplantcenter.net</p>
<p><u>Plant Invaders of the Mid Atlantic Natural Areas Revised & Updated with More Species and Expanded Control Guidance booklet</u> VIEW ONLINE</p>	<p>US Fish and Wildlife Service, Chesapeake Bay Field Office</p>	<p>Download at www.nps.gov/plants/alien/pubs/midatlantic/</p>
<p>“Invasive Species: A Concern in Maryland” brochure VIEW ONLINE</p>	<p>Maryland Dept. of Agriculture Plant Protection and Weed Management Section</p>	<p>Download at: http://extension.umd.edu/sites/default/files/docs/programs/woodland-steward/HGIC_InvsvsMD.pdf</p> <p>order by contacting: Carol Holko holkoca@mda.state.md.us 410-841-5920 www.mda.state.md.us</p>
<p>Alien Plant Invaders of Natural Areas Invasive Specific Fact Sheets VIEW ONLINE</p>	<p>National Park Service Alien Plant Working Group</p>	<p>http://www.nps.gov/plants/alien/factmain.htm</p>
<p>AA County Native Plant List VIEW ONLINE</p>	<p>UMD Extension</p>	<p>Download at: http://www.aacounty.org/IP/Resources/AANativePlants.pdf</p>
<p>MD Native Plant Society list of vendors/nurseries for native plants VIEW ONLINE</p>	<p>MD Native Plant Society</p>	<p>Download at: www.mdflora.org/publications/nurseries.html</p>

Pollution Sources

Resource	Source	Contact /Order Information
Pet Waste Station How To Guide And pet waste station sign <i>Brochure/sign picture</i>	WSA	View also on AAWSA Chesapeake Network Group page Signs available through WSA
Backyard Composting Info Hazardous Waste Info Grass Cycling <i>pamphlet</i> <u>How to Recycle in AA County</u> <i>pamphlet</i>	Anne Arundel County DPW Waste Management Services, Recycling Division	Additional copies: www.RecycleMoreOften.com 410-222-7951 2662 Riva Rd, Suite 490 Annapolis, MD 21401 Kelly Mackall, pwmack26@aacounty.org
How to: 1)Reduce/Improve Runoff from your Roof/Driveway/Parking lot 2) Wash and Service Your Car for a Clean Creek 3) Wash and Service your Boat for a Clean Creek 4) Control Erosion with Natural Vegetation and Habitat 5) Manage Your Lawn, Garden, Pets and Work Site for a Clean Creek Pamphlets VIEW ONLINE	Spa Creek Conservancy Mel Wilkins	Additional copies at: www.spacreek.org mel82nd@comcast.net 410-271-5546 For web-versions or printable versions: www.spacreek.org/cn-car.htm www.spacreek.org/cn-erosion.htm www.spacreek.org/cn-pest.htm www.spacreek.org/cn-boat.htm www.spacreek.org/cn-storm.htm
Bay Wise Maryland Yardstick <i>Brochure</i> VIEW ONLINE	Maryland Cooperative Extension	Additional copies at: http://extension.umd.edu/sites/default/files/docs/BW-Yardstick5pager.pdf more info: http://extension.umd.edu/mg/locations/bay-wise-landscape-management
“Septic Records and Maintenance Guidelines” Rev. 2002 (#MEP-321) VIEW ONLINE	UMD Extension Service	Download at: http://www.mde.state.md.us/programs/Water/BayRestorationFund/OnsiteDisposalSystems/Documents/Onsite%20Systems/Uof%20MD%20Septic%20Records%20and%20Maintenance%20Guidelines.pdf
“Well Records and Maintenance Guidelines” VIEW ONLINE	Center for Disease Control	http://www.cdc.gov/healthywater/drinking/private/wells/maintenance.html
<u>Onsite Sewage Disposal Systems, Protecting Your System, Preserving the Bay DVD</u> ***We have 4 copies available for check out in the WSA library.	MDE, Chesapeake Bay Restoration	Water Management Division 410-537- 3599

<p><u>Bay Restoration Fund and On Site Disposal Systems Information Guide</u> “Investing in the Future of the Bay” <i>brochure</i> VIEW ONLINE</p>	<p>MDE, Chesapeake Bay Restoration</p>	<p>Water Management Division: 410-537-3599 Download at: www.mde.state.md.us/assets/document/BRF_Septic_Brochure.pdf</p>
<p><i>Anne Arundel County Department of Health, Environmental Health Division, Bay Restoration Fund Information website</i> VIEW ONLINE</p>	<p>AA County Department of Health</p>	<p>Basic information, FAQ, Grant Application www.aahealth.org/programs/env-hlth/well-septic-systems/brf AA County Division of Env Health 410-222-7324</p>
<p><i>Healthy Lawns, Healthy Waters brochure</i> VIEW ONLINE</p>	<p>Chesapeake Bay Foundation</p>	<p>View at: http://www.cbf.org/Document.Doc?id=35</p>
<p><i>Attracting Wildlife Website</i> VIEW ONLINE</p>	<p>HGIC, MD Extension., UMD</p>	<p>View Online: http://extension.umd.edu/tags/attracting-wildlife</p>
<p><i>“Lawns and the Chesapeake Bay” Fact Sheet</i> VIEW ONLINE</p>	<p>Home and Garden Information Center (HGIC), MD Ext., U of MD</p>	<p>Download at: http://extension.umd.edu/sites/default/files/docs/programs/bay-wise/FS702-LawnsAndChesapeakeBay.pdf</p>
<p><i>“Landscapes that Help the Chesapeake Bay” Fact Sheet</i> VIEW ONLINE</p>	<p>Home and Garden Information Center (HGIC), MD Ext., U of MD</p>	<p>Download at: http://extension.umd.edu/sites/default/files/images/programs/hgic/Publications/non_HGIC_FS/FS701.pdf</p>
<p><i>“Growing Green Lawns” Handout</i> VIEW ONLINE</p>	<p>Northeastern IPM Center and North Central IPM Center</p>	<p>Download at http://www.growinggreenlawns.org/pdf/growing_green_lawns.pdf</p>
<p><i>“How to Fertilizer Your Lawn Responsibly” Poster</i> VIEW ONLINE</p>	<p>Maryland Department of Agriculture</p>	<p>Download at: http://mda.maryland.gov/SiteAssets/Pages/fertilizer/HowToFertilizeYourLawn.pdf Other information on the Fertilizer main page: http://mda.maryland.gov/Pages/fertilizer.aspx</p>
<p>Series of Homeowner’s Guide <i>pamphlets</i>: -“How Involved is Annapolis’ African American Community in the Environment?” -“Homeowners’ Guide to Designing Your Property” -“Rain Barrels: Capturing and Using Roof Runoff” -“Conservation Landscaping and Green Infrastructure” -“Rain Garden and BayScape Maintenance Schedule” -Native Plants for Rain Gardens” -“Taking Care of Stormwater” VIEW ONLINE</p>	<p>Alliance for the Chesapeake Bay and the U.S. Fish & Wildlife Service, Chesapeake Bay Field Office</p>	<p>Download from Alliance for Chesapeake Bay publications under Bayscapes heading: https://allianceforthebay.org/resources/publications/</p>

Rainscaping

(Best Management Practices for Residential Properties)

Resource	Source	Contact/Order Information
<u>AA County Rain Garden Resource website</u> VIEW ONLINE	AA County DPW Bureau of Highways	Download raingarden process, info, worksheet, and SWM property tax credit info: http://www.aacounty.org/dpw/highways/raingarden.cfm#.VE5k1KPD-
<u>Build A Rain Garden in 8 Steps</u> VIEW ONLINE	Alliance for Sustainable Communities	Anne Pearson http://www.beinginplace.org/html/environment_raingarden.htm
<u>Conservation Landscaping Guidelines: The Eight Essential Elements of conservation Landscaping</u> <i>Book</i> VIEW ONLINE	Chesapeake Conservation Landscape Council	http://www.chesapeakelandscape.org//2014/04/8_elements_2013.pdf Additional copies can be purchased through Amazon.com
<u>Ecoscaping Back to the Future...Restoring Chesapeake Landscapes 2005</u> <i>Book</i> VIEW ONLINE	Chesapeake Ecology Center Zora Lathan	Additional copies downloadable at: http://www.chesapeakeecologycenter.org/vertical/sites/%7BA7B77D20-B5CC-4703-BAAB-C49A8FAC22DD%7D/uploads/%7B11E40254-CB09-4A91-9A88-4B9CCC3F85EE%7D.PDF 410-212-4506
<u>Green Book for the Buffer An Illustrated Guidebook for Planting at the Shoreline</u> <i>Book</i> VIEW ONLINE	Dept of Natural Resources Critical Area Commission for the Chesapeake and Atlantic Coastal Bays	Download at : http://www.dnr.state.md.us/criticalarea/buffer.asp CAC - Anne Arundel County Natural Resources Planner Charlotte.Shearin@maryland.gov Phone: 410-260-3480
Landscapes for Life website This website contains resource information all aspects of sustainable landscaping. . VIEW ONLINE	Sustainable Sites Initiative	http://landscapeforlife.org/
<i>Plant More Plants Website, card, and bumper sticker</i> <i>This website contains resource information all aspects of sustainable landscaping.</i> VIEW ONLINE	Plant More Plants	www.plantmoreplants.com www.facebook.com/plantmoreplants Additional copies: Julie Buchanan, Public Relations Specialist, VA Dept of Conservation and Recreation Julie.buchanan@dcr.virginia.gov 804-371-2072

<i>Porous Pavement Q & A</i> <i>Bruce Ferguson</i> VIEW ONLINE	Journal Stormwater	http://www.biaw.com/documents/LID/BMPS/porous_pavements_ga.pdf
<i>Rain Barrels, Arlington Echo Information Sheet and Installation Instructions</i> VIEW ONLINE	Arlington Echo Outdoor Education Center	www.arlingtonecho.org/images/stories/restoration_projects/rainbarrels/rain_barrel_info.pdf www.arlingtonecho.org/images/stories/restoration_projects/rainbarrels/rain_barrel_installation_instructions.pdf
<i>Rain Gardens Across Maryland Book</i> VIEW ONLINE	Worcester County/MDE Dept of Comprehensive Planning	410-632-5651 Worcester County Download copies from UMD Home and Garden Information Center: http://extension.umd.edu/learn/rain-gardens-across-maryland
<i>Rainscaping Campaign website</i> VIEW ONLINE	Rainscaping.org	www.rainscaping.org/
<i>Reduce Your Stormwater</i> VIEW ONLINE	Alliance for the Chesapeake Bay	http://stormwater.allianceforthebay.org/
<i>Water-Efficient Landscaping: Preventing Pollution & Using Resources Wisely booklet</i> VIEW ONLINE	EPA EPA 832-F-02-002 Sept. 2002	View Online: www.epa.gov/WaterSense/docs/water-efficient_landscaping_508.pdf http://www.lososocsd.org/Library/Utilities/water-efficient_landscaping_508.pdf

My Watershed

Use this folder to hold GIS maps, community phone lists, watershed report cards, restoration plans, information about your capstone project and other resources specific to your subwatershed or community.

IMPORTANT TOOLS:

1. AA County Watershed Protection and Restoration Program:
www.aarivers.org
2. Watershed Protection and Restoration Program Watershed Mapping Application website
<http://gis-world2.aacounty.org/silverlightviewer/?Viewer=WERS>
3. Department of Public Works Rain Garden Page
www.aacounty.org/DPW/Highways/RainGarden.cfm
4. Steward Statistics Tracking: Enter all networking events, continuing education, outreach activities, and restoration projects:
https://docs.google.com/forms/d/1gEKnrkd_GRxYh06yC_Hnyks8fzET-XPnx9h3kF_UO2w/viewform
5. Restoration Activity Form – You can enter information on any RainScaping Project or Outreach/Education Program on the website below.
www.aacounty.org/DPW/Watershed/Restoration/RestorationActivity.cfm
6. WSA website: <http://www.aawsa.org/>
7. AAWSA Chesapeake Network Group Page:
www.chesapeakenetwork.org/aawsa
8. AAWSA Class 8 Steward Candidate Network Group Page:
<http://www.chesapeakenetwork.org/groups/AAWSA/aawsa-class-8-steward-candidates/>
9. FY2015 WPRP Program Report:
http://www.aacounty.org/DPW/Watershed/WPRPReport_Final_WebRGB.pdf