

BMP 1.1 Stormwater Resource Review (Audio-Visual Information)			
Source/Type of Information	Material Information	Contact Information	Phone Contact
MAPS			
City of Roanoke Real Estate & Tax Maps	Public access to real estate and mapping information	http://gis.roanokegov.com/	
County of Roanoke Real Estate & Tax Maps	Public access to real estate and mapping information	http://www.roanokecountyva.gov/index.aspx?NID=76	
Upper Roanoke River Basin Watershed Maps	Upper Roanoke River Roundtable	http://www.upperroanokeriver.net/	
Roanoke Valley Sub-watershed Maps	Sub-watersheds inside Roanoke County/City and Town of Vinton	http://www.roanokecountyva.gov/index.aspx?NID=330	
Roanoke River Watershed Maps (entire watershed)	Roanoke River Basin Association	www.rriba.org	434-577-2159
VIDEOS			
"A guide to water quality monitoring"	Save Our Streams of the Izaak Walton League	http://www.vasos.org/	
"Watershed Connections"	VA Department of Conservation and Recreation	www.dcr.state.va.us	804-786-1712
"Keep your Grass Green and your Water Clean"	"	"	"
Roanoke River: River of Life	US Fish and Wildlife Service: Roanoke River National Wildlife Refuge	www.fws.gov	
"Stormwater Runoff: I Can Make A Difference"	Business involvement in Stormwater Systems	http://www.training.dupont.com/safety-training	
"After the Storm"	A video co-produced by EPA and The Weather Channel	http://water.epa.gov/action/weatherchannel/index.cfm	
"Bag It: Is your life too Plastic"	A documentary about plastic bags which has evolved in to an investigation into plastics and their affect on our waterways.	http://www.bagitmovie.com/	
HOTLINES			
Stormwater information	Environmental Protection Agency (federal government)	http://www.epa.gov/	1-800-426-4791
BOOKS			
Scisoftware	Stormwater Management source for book	www.scisoftware.com/publications/mu_storm_water_management/mu_storm_water_management.html	
McGraw-Hill	"Municipal Storm Water Management"	http://mcgraw-hill.co.uk/html/0071354719.html	
Haestad Durrans	"Stormwater Conveyance Modeling and Design"	www.haestadmehods.com	
Ceres Press	"Clean and Green: The Compelte Guide to Nontoxic and Environmentally Safe Housekeeping	http://www.ceres.org/	

BMP 1.1 Stormwater Resource Review (Local and National Agencies)			
Source/Type of Information	Material Information	Contact Information	Phone Contact
EDUCATIONAL INSTITUTIONS:			
Virginia Tech	College of Natural Resources	http://cnre.vt.edu/	
Dr. Jamie Roberts (Dept. of Fish & Wildlife Conservation – Virginia Tech)	Research Specialist and Doctoral Candidate	www.vt.edu	darter @vt.edu
Roanoke College	Department of Environmental Science	www.roanoke.edu	
Virginia Western Community College	Natural Sciences & Mathematics Division	www.virginiawestern.edu	
Ferrum College	Environmental Science Program	www.ferrum.edu	
Longwood University	Department of Natural Sciences	http://www.longwood.edu/cleanva/Index.html	
North Carolina State University	Water Quality Group	www.bae.ncsu.edu/bae/programs/extension/wgg	
Foundation for Virginia's Natural Resources	Natural Resource Protection and Philanthropy	www.fvnr.org	
REGIONAL AGENCIES			
City of Roanoke	Office of Environmental and Emergency Management	www.roanokegov.com	540-853-2425
Town of Vinton	Department of Public Works	http://www.vintonva.gov/	540-983-0646
County of Roanoke	Department of Community Development	http://www.roanokecountyva.gov/	540-772-2065
Chesapeake Bay Foundation	Pollution in the Chesapeake Bay	www.cbf.org	
Hampton Roads (HR) Storm	Stormwater information website	http://hamptonroads.com/storms	
Smith Mountain Lake Association	Programs link	http://www.smlassociation.org/	540-297-4146
City of Salem	stormwater link on City of Salem website (http://www.salemva.gov/	540-375-3032
Roanoke Valley Greenways	Home page	www.greenways.org	
Roanoke Valley Allegheny Regional Commission	Projects link	www.rvarc.org	540-343-4417
Blue Ridge Soil & Water District Office	Blue Ridge Soil & Water District Office	www.braswcd.org	540-483-5269
Clean Valley Council	Roanoke Valley Environmental Programs/Awards	www.cleanvalley.org	540-345-5523
STATE AGENCIES:			
VA Department of Conservation and Recreation	website	http://www.dcr.virginia.gov/	
VA Department of Forestry	Water Conservation Information	http://www.dof.virginia.gov/	
VA Department of Game & Inland Fisheries	Education link	http://www.dgif.virginia.gov/	
VA Department of Environmental Quality	Virginia Pollutant Discharge Elimination System	http://www.deq.virginia.gov/Programs/Water/PermittingCompliance/PollutionDischargeElimination.aspx	
"	water programs	http://www.deq.state.va.us/Programs/Water.aspx	
VA Department of Conservation and Recreation	Virginia Pollutant Discharge Elimination System	www.dcr.virginia.gov	
VA Department of Health	Office of Drinking Water & Health Hazards Control links	www.vdh.state.va.us	
VA Save Our Streams	volunteer stream monitoring programs	http://www.vasos.org/	
VA Department of Transportation	Environmental link	www.virginiadot.org	
VA Cooperative Extension	Educational programs link	www.ext.vt.edu	
VA Dept. of Agriculture and Consumer Services	Regulatory services	http://www.vdacs.virginia.gov/	804-786-2373
VA Museum of Natural History	The Virginia Master Naturalist Program	www.vmnh.net/index.cfm/topic/master-naturalists	

NATIONAL AGENCIES:			
United States Fish and Wildlife Service	National Oceanic & Atmospheric Administration (NOAA): Portal links	www.fws.gov	276-623-1233
National Park Service	Nature Net link	www.nps.gov	
Natural Resource Conservation Service	Programs: Watershed Protection and Flood Prevention link	www.nrcs.usda.gov	
Farm Services Agency	Conservation programs link	www.fsa.usda.gov	540-977-2698
Non-Point Source Education for Municipal Officials (NEMO)	Publication on Water and Water Quality	http://nemo.uconn.edu/	
US Department of Energy's Smart Communities Network	Creating Energy Smart & Sustainable Communities	www.smartcommunities.ncat.org/	
Center for Watershed Protection	Publications and Technical tools for Watershed Protection	www.cwp.org/	
Stormwater Manager's Resource Center	Technical Assistance for Local Government regarding Stormwater Protection	www.stormwatercenter.net	
US Army Environmental Center	Watershed and Storm Water Management	http://aec.army.mil/usaec/compliance/watershed00.html	
Stormwater Coalition	Stormwater educational materials	www.stormwatercoalition.org/	
Agriculture Network Information Center	water quality web resources for adults	www.agnic.org	
National Wildlife Federation	watershed/water pollution information	www.nwf.org	
Federal Emergency Management Agency (FEMA)	information on flooding and flood issues	www.fema.gov/hazard/flood/index.shtm	

BMP 1.1 Stormwater Resource Review (Environmental Education Efforts and Organizations)			
<u>Source/Type of Information</u>	<u>Material Information</u>	<u>Contact Information</u>	<u>Phone Contact</u>
ENVIRONMENTAL EDUCATION EFFORS AND ORGANIZATIONS			
Blue Ridge Soil & Water District Office	offers outreach in Roanoke County to school age children	http://brswcd.org/	540-483-5269
City of Roanoke	offers outreach in Roanoke City Public Schools	www.roanokegov.com	540-853-1315
Virginia's Explore Park	offers outreach in Roanoke County, City of Roanoke, Town of Vinton to school age children	www.explorepark.org	540-427-1800
Project Learning Tree	offers training in forestry-related educational programs for school age children	www.plt.org	804-328-3031 (Virginia Department of Forestry)
Clean Valley Council	offers outreach in the Roanoke Valley to school age children	www.cleanvalley.org	540-345-5523
Project WET	offers training in water-related educational programs for school age children	www.projectwet.org	804-698-4442 (Virginia Department of Environmental Quality)
Project WILD	offers training in animal-related educational programs for school age children	www.projectwild.org	804-367-0188 (Virginia Department of Game and Inland Fisheries)
VA Department of Education	offers information on VA Standards of Learning (See Science standards)	www.pen.k12.va.us	1-800-292-3820
VA Cooperative Extension	offers information on a variety of water related education topics	www.ext.vt.edu	540-772-7524
Clean Valley Council	Offers stormwater information for citizens and businesses	http://www.cleanvalley.org/storm-water	
Coordinating Committee For Automotive Repair (CCAR®)	offers information about water quality issues relating to automotive work	www.ccar-greenlink.org/vshops/vshop1/drain.html	
City of Greensboro, NC	basic stormwater information	www.greensboro-nc.gov/	
South Carolina State Programs	stormwater education information	http://www.scdhec.gov/environment/water/	
Randolph County, NC Planning and Zoning	basic stormwater educational information	http://www.co.randolph.nc.us/pz/StormwaterEducation.htm	
VirginGlobe	list of links for Stormwater and Water Quality sites	http://virginglobe.com/links/links.html	Dead website
Raingardens	Rain garden information with plans etc to help with runoff	https://www.raingardens.org/index.php/	
City of Eugene, OR	cute site for kids explaining water systems	http://www.eugene-or.gov/index.aspx?nid=469	
USDA CSREES and the Land Grant System	National Water Program	www.usawaterquality.org	
University of Maryland, College of Natural Resources	Riparian Buffer Systems	http://extension.umd.edu/riparianbuffers	
Clark County Regional Flood Control District	Links for stormwater education	www.ccrfcd.org/	
South Carolina Department of Health and Environmental Control (DHEC)	SC page for funding sources for education	http://www.scdhec.gov/environment/water/	
"	water pollution information	http://www.scdhec.gov/environment/water/wpcpage.htm	
Albemarle County, Virginia	Education programs in Charlottesville Area	http://www.albemarle.org/department.asp?department=water&relpage=2980	

Storm Water Coalition	on-line educational products to order	www.stormwatercoalition.org/cfml/cat.cfm	
Journal for Surface Water Quality Professionals	newsletter/journal	http://www.stormh2o.com/SW/SWhome.aspx	
Adopt a Stream	educational information	http://www.dcr.virginia.gov/environmental_education/adopt.shtml	
City of Monterey, CA	stormwater issues educational information	http://www.monterey.org/en-us/departments/planspublicworks/engineering/stormwaterprogram.aspx	
State of Tennessee	Best Management Practices for Stormwater Educators	http://www.tn.gov/environment/water.shtml	
Non-Point Education for Municipal Officials (NEMO)	education on reducing runoff for communities and businesses	http://nemo.uconn.edu/	
Waste Reduction Resource Center	information about water management	http://esrconline.org/	
National Agricultural Library	information about water and agriculture	http://wgic.nal.usda.gov/	
International Water Association	global stormwater information	www.iwahq.org/	
US Geological Survey	National Water Quality Assessment Program	http://water.usgs.gov/nawqa/	
"	USGS Water Quality Information pages	http://water.usgs.gov/owq/	
"	classroom resources	http://ga.water.usgs.gov/edu/waterquality.html	
"	Water Resources Information for Students and Teachers	http://water.usgs.gov/education.html	
	water cycle information	http://ga.water.usgs.gov/edu/watercycle.html	
Global Environment Monitoring System	global inland water quality information	http://www.unep.org/gemswater/	
Center for Environmental Quality at Wilkes University	water quality, drinking water, ground water, etc information	www.wilkes.edu/pages/388.asp	
Wheeling Jesuit University.	classroom resources on stormwater	www.cofj.edu/ete/modules/waterq/waterq.html	
Chesapeake Bay Program	factors effecting water quality information	http://www.chesapeakebay.net/	
Education Planet	water pollution info website for other water issues also	http://www.lessonplanet.com/lesson-plans/water-pollution	
Academy of Natural Sciences	water education information	www.ansp.org/education/resources/events.php	
VA Department of Conservation and Recreation	Soil and Water links	www.dcr.virginia.gov/soil_&_water/swintro.shtml	
"	Native plants information	http://www.dcr.virginia.gov/natural_heritage/nativeplants.shtml	
Clean Water Education Partnership	pollution information	www.nccwep.org	
Yahoo Directory	water pollution links	http://dir.yahoo.com/Society_and_Culture/Environment_and_Nature/Pollution/Water/Nonpoint_Source_Pollution/	
Google Directory	water pollution/water issues links	http://www.google.com/gadgets/directory?synd=earth&hl=n o&id=222786021553	
KinderStart Search Engine	links on pollution issues for children	www.kinderstart.com/societycultureenvironment/environmentalissues/airandwaterpollution.html	
EcolQ.com	water and waste water information	www.ecoig.com/water/	
Eco-Rangers	teacher resource links on environmental issues incl. Water related issues	www.growingplanet.org/ecorangers.html	
Kitsap County, WA	Surface and Stormwater Management Program	www.kitsapgov.com/sswm/default.htm	

KiddyHouse.com	links for environmental education for kids and teachers	www.kiddyhouse.com/Themes/Environ/Water.html	
Environmental Organization/Web Directory	listings of internet sites dealing with water quality issues	www.webdirectory.com/	
Infoplease	water issue information especially pollution	http://www.infoplease.com/encyclopedia/science/water-pollution.html	
"	flooding information	http://www.infoplease.com/encyclopedia/science/flood-hydrology.html	
UNESCO	global water information	http://www.unesco.org/new/en/natural-sciences/environment/water/ihp/ihp-vii-themes/water-education/	
Protecting Water	Storm water, storm drain overview	http://protectingwater.com/index.html	
Environmental Health Center (division of National Safety Council)	general information on flooding	http://www.nsc.org/safety_home/EmergencyPreparedness/Pages/Floods.aspx	
Geology Labs On-line	Virtual River, an interactive website for students on river discharge and flooding	http://www.sciencecourseware.org/VirtualRiver/	
Greenpeace	flooding information	http://www.greenpeace.org	
Learners On-line	"Life in the Flood Zone" student-oriented information	www.learnersonline.com/weekly/archive2001/week24/	Article does not exist
Audubon Galleries	brief information on flooding	www.audubongalleries.com/education/ex_flood.php	
Longwood College	Virginia's Water Resources	http://www.longwood.edu/cleanva/Index.html	
University of Illinois, The Environmental Council	Environmental discovery, engagement, and scholarship	http://ilenviro.org/	1-800-345-6087
The Pennsylvania State University	The Internet Watershed Educational Tool	http://www.envirolink.org/resource.html?itemid=350330120736&catid=1	
Clean Valley Council	Bag It and Indoor Stream School	www.cleanvalley.org	(540) 345-5523

BMP 1.1 Stormwater Resource Review (Printed Materials and Publications)			
<u>Source/Type of Information</u>	<u>Material Information</u>	<u>Contact Information</u>	<u>Phone Contact</u>
PRINTED MATERIALS AND PUBLICATIONS			
VA Dept. of Conservation and Recreation	"Non-Point Source Pollution and You"	http://www.dcr.virginia.gov/water_quality/index.shtml	1-877-42WATER
	"Ways to keep your lawn green and the Chesapeake Bay clean"	http://www.dcr.virginia.gov/water_quality/index.shtml	"
	"A Virginian's Guide to Year-Round Yard Care"	http://www.dcr.virginia.gov/pub_list.shtml	
	"Raindrops Keep Falling On My Head" (for school children)	http://www.dcr.virginia.gov/water_quality/index.shtml	"
	Roanoke River Watershed Yellow Pages	http://www.dcr.virginia.gov/water_quality/index.shtml	"
	Virginia Stormwater Management Program	http://www.dcr.virginia.gov/other/deq/stormwater_management/stormwat.shtml	
	Soil and Water Conservation Programs	http://www.dcr.virginia.gov/water_quality/index.shtml	
City of Roanoke	"Flooding in Roanoke"	www.roanokegov.com	540-853-2731 (Office of Engineering)
	Tips for Improving Stormwater Quality in Roanoke	<i>see department of environmental management, stormwater management</i>	540-853-2425 (Office of Environmental and Emergency Management)
	"Every Drop Counts"	<i>see department of environmental management, stormwater management</i>	
	Roanoke Valley Stormwater Guide		
	Make Your Home The Solution to Stormwater Pollution		
	Ten Things You Can Do to Prevent Stormwater Runoff Pollution-Bookmark		
	Take the Stormwater Challenge - Placemat Crossword Puzzle		
	Water- Efficient Landscaping : Preventing Pollution and Using Resources Wisely		
	Stormwater and the Construction Industry - 11"X17" poster		
	Stormwater Management : An Overview for Auto Recyclers - English and Spanish		
City of Roanoke, Roanoke County, Town of Vinton	"After the Storm" newsprint publication in Parks & Rec. papers (Winter 2003)	<i>see individual locality/agency websites</i>	540-772-2065
	"Meet Your Watershed" newsprint publication in Parks & Rec. mailers (Fall 2004)		
	"When it Rains, it Drains" newsprint publication in Parks & Rec. mailers (Winter 2005)		
VA Water Research Center at VA Tech	"Virginia Water Central" newsletter	www.vwrrc.vt.edu	540-231-5624
	A Guide To Protecting Virginia's Valuable Resource: Ground Water	www.vwrrc.vt.edu	
	A Guide To The National Drinking Water Standards and Private Water Systems	www.vwrrc.vt.edu	
	A Guide To Virginia's Ground Water	www.vwrrc.vt.edu	
VA Department of Forestry	Rain Gardens: A Landscape Tool to Improve Water Quality	http://www.dof.virginia.gov/print/index.htm	

Environmental Protection Agency (EPA)	Main Water Resources Page	http://water.epa.gov/	
	Stormwater information - National Pollutant Discharge Elimination System	http://cfpub.epa.gov/npdes/index.cfm	
	Storm Water Management Model Redevelopment Project	http://www.epa.gov/nrmrl/wswrd/wq/	
	Urban Stormwater Best Management Practice Study	http://water.epa.gov/scitech/wastetech/guide/stormwater/	
	Nonpoint Source Pollution Information	http://water.epa.gov/polwaste/nps/index.cfm	
	Office of Wetlands, Oceans and Watersheds	http://water.epa.gov/index.cfm	
Canaan Valley Institute	"Mid-Atlantic Highlands Action Program"	www.canaanvi.org	1-800-922-3601
	"ECHO" newsletter		
The Sierra Club	"The River Rag" Roanoke River Group publication	https://sites.google.com/site/roanokesierra/	
		rseqbert@adelphia.net	540-384-7448 (Roanoke Chapter Leader)
Piedmont Environmental Council	"Sources of Funds for Conservation"	www.pecva.org	540-347-2334
VA Department of Environmental Quality	"25 Ways to Help Virginia's Environment"	http://www.dcr.virginia.gov/virginia_naturally/community-education/25-ways-to-help-virginias-environment.shtml	Broken Link
	Water Resources Home Page	http://www.deq.virginia.gov/Programs/Water.aspx	
Blue Ridge Soil & Water District	Annual Report	http://brswcd.org/	540-483-5269 extension 115 P.W. Morgan
Battelle	Environmental Publications	http://battelle.org/our-work/energy-environment/environmental-services	
Stormwater Manager's Resource Center	links to Stormwater Treatment Practice publications	http://www.stormwatercenter.net/Manual_Builder/Maintenance_Manual/9%20-%20BMP%20Maint%20Ed%20Materials%20and%20Links/ME_Introduction.htm	
US Dept of Education	Gateway to education materials	http://thegateway.org/	
"	ERIC publications on water issues	http://eric.ed.gov/?majordesc=Water%2520Pollution%2520	
Journal of Environmental Quality	downloadable publications on water issues	https://www.crops.org/publications/jeq	
North Dakota State Water Commission	water education materials	http://www.swc.state.nd.us/	
International Society of Arboriculture – Eric Wiseman	"Integrated Pest Management Best Management Practices"	http://urbanforestry.frec.vt.edu/posters/CEU-Dec07.pdf	
Project WET	"Project WET: Curriculum and Activity Guide 2.0"	http://projectwet.org/water-education-project-wet/project-wet-publications/project-wet-curriculum-activity-guide/	



Quarterly Report for Stormwater Programs
(Roanoke City, Roanoke County, Town of Vinton)

**FY 2014-2015
REPORTING QUARTER**

<input checked="" type="checkbox"/>	1) October
<input checked="" type="checkbox"/>	2) January
<input checked="" type="checkbox"/>	3) April
<input checked="" type="checkbox"/>	4) July

MCM 1: Public Education and Outreach on Stormwater Impacts

Stormwater Educational Publications and Programs

Title of Resource:	Date Added/Updated	Comment
Available Materials: FY 2014-2015		
Video: The Poop Fairy	2015	Tips for managing pet waste
Handout: How to manage Stormwater: Rain Barrels (www.cleanriverspdx.org, Portland, OR)	2015	How to manual: How to build a rainbarrel
Brochure: It's Just Dirt (Roanoke County Community Development)	2015	Construction site erosion control and permitting
Brochure: Clean and Green (DCR & VCE)	2015	Handout on garden and backyard practices for reducing SW runoff pollution
Map: Roanoke Valley Pet Waste Stations	2014	Map of all pet waste stations in the Roanoke Valley
Brochure: Roanoke Stormwater Ideabook (City of Roanoke, 2014)	2014	A stormwater guide for homeowners
Brochure: Stormwater Utility Fee Credit Manual (City of Roanoke, 2014)	2014	Stormwater BMP's, fees and credits
http://www.cleanvalley.org/storm-water	2014	Web resources targeted at residents: includes general BMP's, raingardens, rain barrells
http://www.cleanvalley.org/stormwaterbusinesses	2014	Web resources targeted at businesses: subsections on carwash, restaurant, autoshops
Handout: Cigarette Butts and the Environment (CVC)	2014	Handout on impacts of cigarette butts in the environment
Postcard: Only Rain Down the Drain - Car Wash (CVC)	2014	5 keys for protecting SW when car washing
Postcard: Only Rain Down the Drain - Restaurants (CVC)	2014	5 keys for protecting SW at restaurants
Brochure: Native Plants for Conservation, Restoration and Landscaping (DCR publication)	2013	Gardening Information for reducing SW impacts and improving water quality