

Virginia Stormwater BMP Clearinghouse



Virginia
WATER RESOURCES
Research Center



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Virginia Stormwater BMP Clearinghouse



Website:

Information Clearinghouse
for Stormwater

Best Management Practices (BMPs)
in Virginia

Virginia Stormwater BMP Clearinghouse

Website Address:

www.vwrrc.vt.edu/swc



Virginia Stormwater BMP Clearinghouse

Website Audience:
Those concerned with the SWM
Law and Regulations



Photos from Center for Watershed Protection

Virginia Stormwater BMP Clearinghouse

Links to Virginia Stormwater Management Program

- Virginia Stormwater Management Law (Code of Virginia)
- Virginia Stormwater Management Regulations (Virginia Administrative Code)
- Program Support -- DCR's eight regional offices



Department of Conservation & Recreation

CONSERVING VIRGINIA'S NATURAL & RECREATIONAL RESOURCES

Virginia Stormwater BMP Clearinghouse

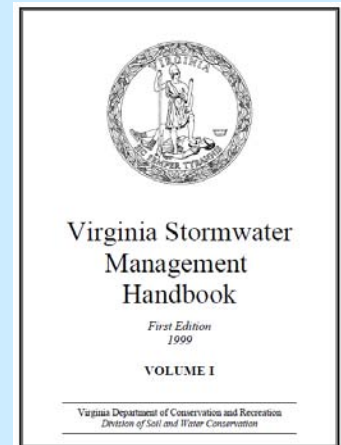
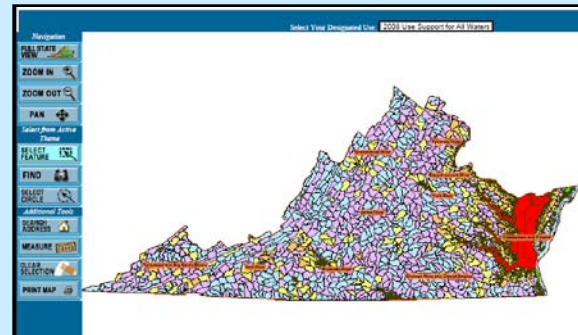
Links to Other Virginia Programs

- Chesapeake Bay Preservation Act and Regulations (DCR)
- Floodplain Management Program (DCR)
- Dam Safety Act (DCR)
- Virginia Water Protection and Wetlands Permit Programs (DEQ and VMRC)
 - Tidal Wetlands (VMRC)
 - Nontidal Wetlands (DEQ)
- TMDL Program (DEQ)

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Provides References and Tools

- Links to Other Websites, VSWM Handbook, etc.
- Tools:
 - ✓ BMP Performance Bond Calculator (Center for Watershed Protection [CWP])
 - ✓ BMP Performance Verification Checklist (CWP)
- Maps:
 - ✓ NRCS Soils
 - ✓ FEMA Floodplain
 - ✓ NOAA Rainfall
 - ✓ DEQ Impaired waters



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Design Standards & Specifications for Approved BMPs

- Traditional BMPs (wet ponds)
- LID practices (bioretention, roof drain disconnection)
- Environmental site design practices (cluster development, land conservation)
- Manufactured treatment devices (sand filters, hydrodynamic separators)



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Information about Manufactured Treatment Devices approved for use in Virginia

(Certification: based on performance claim
assessment)

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Partnership:



Department of Conservation & Recreation
CONSERVING VIRGINIA'S NATURAL & RECREATIONAL RESOURCES

Virginia Department of Conservation & Recreation



Virginia Water Resources Research Center

Clearinghouse Committee



Department of Conservation & Recreation

CONSERVING VIRGINIA'S NATURAL & RECREATIONAL RESOURCES

- **State Agency**
- **Administers Virginia's Stormwater Management (SWM) Program**



Department of Conservation & Recreation

CONSERVING VIRGINIA'S NATURAL & RECREATIONAL RESOURCES

ROLE:

- Initial funding for BMP Clearinghouse Project
- Final authority and responsibility for approving certifications of BMP performance
- Chairs BMP Clearinghouse Committee



Virginia

WATER RESOURCES

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- **Federal and State Responsibilities**
- **Coordinate Water Research Programs in Virginia**
- **Transfer Research Results to Potential Users**



Virginia

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ROLE:

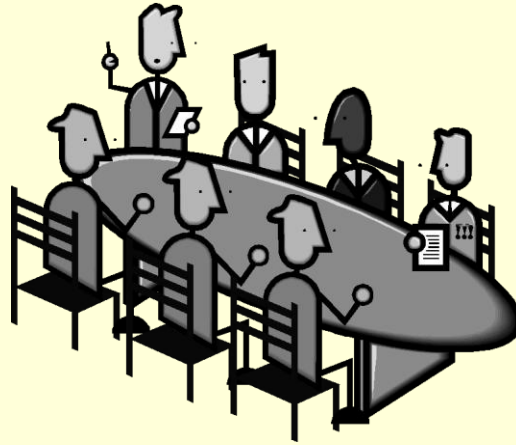
- Develop and maintain the Clearinghouse Website
- Provide support staff to the Clearinghouse Committee
- May facilitate third-party research and evaluation services

Clearinghouse Committee



- **Stakeholders from all major Virginia watersheds (3-year term)**
- **Represent governments, SWCD, BMP manufacturers, consulting engineers, researchers, conservation organizations**

Clearinghouse Committee



ROLE:

- Provide direction for Clearinghouse Website design and content
- Make recommendations to DCR regarding certification of BMP performance claims

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