

Storm Water in Construction & Development **RESOURCES B New Hampshire edition**

Federal and State Regulations and Policy

EPA New England=s NPDES Storm Water Permit Program web site
www.epa.gov/ne/npdes/stormwater/index.html

EPA Headquarters= NPDES Storm Water Permit Program web site for Construction

Regulatory information, permits, forms, and guidance:

<http://cfpub.epa.gov/npdes/stormwater/const.cfm>

Step-by-step instructions on how to apply for coverage:

http://cfpub.epa.gov/npdes/stormwater/application_coverage

FAQs:

<http://cfpub.epa.gov/npdes/stormwater/cgpfaqs.cfm>

New Hampshire DES aFederal Storm Water Program@ web site

www.des.state.nh.us/StormWater/

New Hampshire DES Site Specific / Alteration of Terrain program

www.des.state.nh.us/SiteSpecific/

New Hampshire DES Wetlands program

www.des.state.nh.us/wetlands/

New Hampshire DES Shoreland Protection program

www.des.state.nh.us/cspa/

Managing Stormwater as a Valuable Resource: A message for NH municipalities and water suppliers (NH DES)

www.des.state.nh.us/dwspp/stormwater.pdf

Best Management Practices—Guides & Manuals

Innovative Stormwater Treatment Technologies BMP Manual (DES)

www.des.state.nh.us/wmb/was/manual/StormwaterBMP.pdf

Rockingham County's "Green Book": Storm Water Management and Erosion and Sediment Control for Developing Areas in New Hampshire

Order from NH DES— see Water Quality - Storm Water section of

www.des.state.nh.us/desguid.htm

BMPs to Control Nonpoint Source Pollution: A Guide for Citizens and Town Officials (NH DES)

www.des.state.nh.us/wmb/was/docs/2004_npsBMP.pdf

New Hampshire Department of Transportation Guidelines for Temporary Erosion and Sediment Control and Storm Water Management

www.state.nh.us/dot/business.htm (under Materials and Procedures@)

Kentucky Erosion Prevention and Sediment Control Field Guide

Very readable and full of great photos and illustrations.

<http://www.water.ky.gov/sw/nps/Publications.htm>

Connecticut Guidelines for Soil Erosion and Sediment Control (2002). Richly illustrated guide to 46 E&SC measures and how to use them singly or in combination. Available at CT DEP=s web store for \$90.

<http://dep.state.ct.us/store/index.htm>

Storm Water Compliance Assistance Toolkit for Small Construction Operators (Minnesota Pollution Control Agency)

www.pca.state.mn.us/publications/wq-strm2-09.pdf

California Stormwater Quality Association Construction Handbook

www.cabmphandbooks.org/construction.asp#SWPPP

International Erosion Control Association

Manual: NPDES Phase II: How to Select, Install and Inspect Construction Site Erosion and Sediment Control BMPs for NPDES Storm Water Permit Compliance. Also, **Certified Professional in Erosion and Sediment Control** program and other training.

www.ieca.org

Northeast chapter offerings: www.ieca.org/Chapter/northeast/northeasthome.asp

Keeping Soil in Its Place: A Presentation on Erosion and Sediment Control

Slide show by The Center for Watershed Protection.

www.stormwatercenter.net/Slideshows/ESC.htm

National Management Measures to Control Nonpoint Source Pollution from Urban Areas A comprehensive look at how communities can deal with storm water. Use the

bookmark function to select topics in this lengthy document.

www.epa.gov/owow/nps/urbanmm/

Best Management Practices—Individual devices & methods

EPA=s Storm Water Phase II Menu of Best Management Practices

Erosion & Sediment Control

http://cfpub.epa.gov/npdes/stormwater/menuofbmps/con_site.cfm

Permanent SW Control:

<http://cfpub.epa.gov/npdes/stormwater/menuofbmps/post.cfm>

Center for Stormwater Technology Evaluation and Verification (UNH)

Field tests BMPs installed at the UNH campus.

www.unh.edu/erg/cstev/

International Storm Water Best Management Practices (BMP) Database (EPA, American Society of Civil Engineers, others) A technical resource searchable by device, pollutant, and other parameters.

www.bmpdatabase.org

Compost used for erosion & sediment control, waste minimization, and soil enrichment:

www.epa.gov/epaoswer/non-hw/compost/erosion.pdf

www.epa.gov/epaoswer/non-hw/green/projects/filtrexx.htm

Checklists

EPA Region 10 Construction SWPPP Checklist and Inspector=s Checklist

Based on the EPA Storm Water Permit Construction. Go to

<http://yosemite.epa.gov/R10/WATER.NSF> then under Programs select Storm Water, then under Topics select Construction Requirements and scroll down to Guidance.

Operation, Maintenance & Management of Stormwater Management Systems (EPA)

www.epa.gov/owow/nps/wmi/

EPA NPDES Industrial Storm Water Worksheet (Construction). Scroll down at

www.epa.gov/Compliance/resources/policies/civil/cwa/esoprostormwater.pdf

EPA=s NPDES Compliance Inspection Manual includes storm water at construction sites in Chapter 11C and Appendix S:

www.epa.gov/compliance/resources/publications/monitoring/inspections/npdesinspect/

Low Impact Development

Low Impact Development Center (EPA and others)

www.lowimpactdevelopment.org

Making the Connection: Smart Growth and Water Resource Protection (EPA)

Training module.

www.epa.gov/watertrain/smartgrowth/

Using Smart Growth Techniques as Stormwater Best Management Practices (EPA)

www.epa.gov/smartgrowth/stormwater.htm

Catching the Rain: A Great Lakes Resource Guide for Natural Storm water Management (American Rivers)

www.amrivers.org/doc_repository/Stormwater_Guide_Book_FINAL2.pdf

Builders' and Municipal Guides to Low Impact Development (National Association of Home Builders) Brochures.

www.nahbrc.org/tertiaryR.asp?TrackID=&DocumentID=3834&CategoryID=36

Creating Great Neighborhoods: Density in Your Community (National Association of Realtors)

[http://www.realtor.org/SG3.nsf/files/DensityManual.pdf/\\$FILE/DensityManual.pdf](http://www.realtor.org/SG3.nsf/files/DensityManual.pdf/$FILE/DensityManual.pdf)

Protecting Water Resources with Smart Growth and Getting to Smart Growth (EPA)

www.epa.gov/smartgrowth/

The Practice of Low Impact Development (US HUD / NAHB)

Part II, Section 2: Storm Water Management

www.huduser.org/Publications/PDF/practLowImpctDevel.pdf

Urban Environmental Design Manual (RI DEM)

www.state.ri.us/dem/programs/bpoladm/suswshed/Pubs.htm

Related Topics

BMPs for Erosion Control on Timber Harvesting Operations in NH

www.nhdf.org/info_plan_bureau/fi&p_waterqualitybmps.htm

Construction Industry Compliance Assistance Center (EPA)

Example SWPPPs are located under the storm water tab.

www.cicacenter.org

Federal Environmental Requirements for Construction: What Do You Need to Consider? A brief overview of the major federal requirements for construction.

www.epa.gov/Compliance/resources/publications/assistance/sectors/fedenvconstruction.pdf

Abby Swaine, US EPA NE, 617-918-1841, swaine.abby@epa.gov

January 2006