EPA Storm Water Permit for Construction Projects

RESOURCES в Massachusetts edition

EPA New England=s NPDES Storm Water Permit Program Web Site features information specific to New England and connects with EPA Headquarters= storm water web sites. www.epa.gov/ne/npdes/stormwater/index.html

EPA Headquarters= NPDES Storm Water Permit Program Web Site for Construction: http://cfpub.epa.gov/npdes/stormwater/application_coverage.cfm Contains the permit, guidance, forms, links, the electronic application system, and a database where you can see and check the status of applications submitted.

EPA=s Storm Water Phase II Menu of Best Management Practices. Select Topics 4 and 5 to see over 35 fact sheets on different techniques and devices for erosion, sediment, and storm water control. www.epa.gov/npdes/menuofbmps/menu.htm

MA DEP Storm Water Web site www.mass.gov/dep/water/wastewater/stormwat.htm


MA DEP Wetlands site www.mass.gov/dep/water/resources/wetlands.htm

Construction Industry Compliance Assistance Center website is funded by EPA and developed with input from government and industry. Example SWPPPs are located under the Stormwater tab. Managing Your Environmental Responsibilities: A Planning Guide for Construction and Development, which includes checklists for assigning responsibility and assessing compliance with a comprehensive range of issues including storm water, and Federal Environmental Requirements for Construction: What Do You Need to Consider?, a brief EPA overview of the major federal requirements that apply to construction projects, are located under the Compliance Summary tab. www.cicacenter.org

With a grant from EPA, the International Erosion Control Association developed the manual NPDES Phase II: How to Select, Install and Inspect Construction Site Erosion and Sediment Control BMPs for NPDES Storm Water Permit Compliance and training to accompany it. IECA also offers the Certified Professional in Erosion and Sediment Control program. See www.ieca.org (manual is located in Bookstore section; CPESC info is in Professional Education section). To find out about IECA events and activities in the Northeast, go to www.ieca.org/Chapter/northeast/northeasthome.asp
EPA Region 10 has posted a Construction SWPPP Checklist and Inspector=s Checklist on their website. 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.

EPA=s Office of Regulatory Enforcement has developed a checklist entitled NPDES Industrial Storm Water Worksheet (Construction) that inspectors may use when visiting sites. Scroll down at www.epa.gov/Compliance/resources/policies/civil/cwa/esoprogstormwaterwater.pdf

EPA=s NPDES Compliance Inspection Manual, which includes storm water at construction sites in Chapter 11C and Appendix S, is now on the web. www.epa.gov/compliance/resources/publications/monitoring/inspections/npdesinspect/

EPA=s Environmental Technology Verification program has arranged for field testing of various storm water technologies. One report, on the Tommy Silt Fence Slicing Method, is viewable at www.epa.gov/etv/verifications/vcenter8-1.html

Slide show by The Center for Watershed Protection: Keeping Soil in Its Place: A Presentation on Erosion and Sediment Control (ESC). www.stormwatercenter.net/Slideshows/ESC.htm

Hold Onto Your Dirt: Best Management Practices for Construction Sites and Keep It Clean: Preventing Pollution from Construction Sites are videos showing good and bad site practices, available from California EPA. www.waterboards.ca.gov/stormwtr/training.html

Kentucky Erosion Prevention and Sediment Control Field Guide

2002 Connecticut Guidelines for Soil Erosion and Sediment Control, developed with support from EPA NE, is a 402 page, richly illustrated guide to 46 E&SC measures and how to use them singly or in combination to meet site challenges. Available at CT DEP=s web store http://dep.state.ct.us/store/index.htm for $90.

Construction Handbook by the California Stormwater Quality Association includes dozens of fact sheets on specific storm water controls and BMPs for controlling wastes and materials. www.cabmphandbooks.org/construction.asp#SWPPP

Compost is receiving increasing attention as a means to control erosion, enrich soil post-construction, and reuse organic wastes. See www.epa.gov/epaoswer/non-hw/compost/erosion.pdf and www.epa.gov/epaoswer/non-hw/green/projects/filtrexx.htm