

Stormwater Resources

April 2006

Prepared by Laura Chan, NEIWPC
for NEWMOA Stormwater Web Conference



EPA > Water - Microsoft Internet Explorer

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U.S. Environmental Protection Agency


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EPA, Corps of Engineers Move to Improve Wetlands Restoration and Conservation

Swamps, bogs, fens, and marshes – in short, wetlands – are as vital to our environment as coral reefs and rain forests. The Environmental Protection Agency (EPA) and Army Corps of Engineers (Corps) proposed a new rule to ensure more effective wetlands restoration and preservation nationwide. The agencies' rule, being published for public comment, proposes improved science and results-oriented standards to increase the quality and effectiveness of wetlands conservation practices under the Clean Water Act (CWA).

- For more information regarding compensatory mitigation and how to provide comments on the proposed standards, see: <http://www.epa.gov/wetlandsmitigation>
- Information about the importance of wetlands is available at: <http://www.epa.gov/owow/wetlands/>
- Additional information about the Corps' regulatory program can be found at: <http://www.usace.army.mil/inet/functions/cw/cacwo/reg/>
- To read the full press release click here: [Press Release](#) (long URL)

Ground Water & Drinking Water

[Drinking Water & Health Basics](#) , [Local Drinking Water Information](#) , [Source Water Protection](#) , [Drinking Water Standards](#) , [Public Drinking Water Systems](#) , [Underground Injection Control](#)

Highlights

- [Proposed Revision of EPA Strategic Plan Available for Comment](#)
- [Management Handbook for Septic/Decentralized Systems](#)
- [Targeted Watersheds in 2005](#)
- [Water Infrastructure Water and Wastewater](#)


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EPA NPDES - Office of Wastewater Management - Microsoft Internet Explorer

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Address: http://cfpub.epa.gov/npdes/




National Pollutant Discharge Elimination System (NPDES)

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NPDES Current Issues


- [Stormwater Webcast Series](#)
- [Stormwater Trainings - Getting in Step with Phase II](#)
- [Pretreatment Trainings](#)
- [2nd National Water Quality Trading Conference](#)
- [Stormwater Education Materials](#)
- [Wastewater Education Materials](#)




NPDES

NPDES Information


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OVERVIEW

Water pollution degrades surface waters making them unsafe for drinking, fishing, swimming, and other activities. As authorized by the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States. Point sources are discrete conveyances such as pipes or man-made ditches. Individual homes that are connected to a municipal system, use a septic system, or do not have a surface discharge do not need an NPDES permit; however, industrial, municipal, and other facilities must obtain permits if their discharges go directly to surface waters. In most cases, the NPDES permit program is administered by [authorized states](#). Since its introduction in 1972, the NPDES permit program is responsible for significant improvements to our Nation's water quality.



WHAT CAN I FIND ON THIS WEB SITE?

The site contains technical and regulatory information about the NPDES permit program. The NPDES Permits Program consists of a number of programs and initiatives. Links to each of these programs and initiatives are located on the left navigational bar.

Who Are You?

- Agriculture
- Industrial and Commercial Facilities
- Interested Citizens
- Municipalities and Wastewater Treatment Plants
- States and Tribes

NPDES Information

- NPDES Permit Program Basics
- Where You Live

Program Areas

- Animal Feeding Operations
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EPA Stormwater Program - Office of Wastewater Management - Microsoft Internet Explorer

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Address: http://cfpub.epa.gov/npdes/home.cfm?program_id=6

U.S. Environmental Protection Agency
National Pollutant Discharge Elimination System (NPDES)

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NPDES Topics Alphabetical Index Glossary About NPDES

Stormwater Program

OVERVIEW



Stormwater discharges are generated by runoff from land and impervious areas such as paved streets, parking lots, and building rooftops during rainfall and snow events that often contain pollutants in quantities that could adversely affect water quality. Most stormwater discharges are considered point sources and require coverage by an NPDES permit. The primary method to control stormwater discharges is through the use of best management practices.

Most states are authorized to implement the [Stormwater NPDES permitting program](#). EPA remains the permitting authority in a few states, territories, and on most land in Indian Country.

On December 1, 2005, EPA proposed an [NPDES Stormwater Multi-Sector General Permit for Industrial Activities \(MSGP\)](#). This proposed permit will replace the MSGP-2000 that expired on October 30, 2005. EPA is seeking comments on the proposed permit and accompanying fact sheet. The comment period closes on February 16, 2006.



WHAT CAN I FIND ON THIS WEB SITE?

This page contains technical and regulatory information about the NPDES stormwater program. It is organized according to the three types of regulated stormwater discharges and provides a link to Stormwater Month outreach materials:



Stormwater Information

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Environmental Technology Verification Program Home - Microsoft Internet Explorer

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Environmental Technology Verification Program

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ESTE Program

Homeland Security

Verified Technologies

Protocols

Test/QA Plans

Technologies Under Evaluation

Vendors

Publications


Outreach/Calendar

What is the ETV Program?

EPA's Environmental Technology Verification (ETV) Program develops testing protocols and verifies the performance of innovative technologies that have the potential to improve protection of human health and the environment. ETV was created to accelerate the entrance of new environmental technologies into the domestic and international marketplace. ETV is also verifying monitoring and treatment technologies relevant for water security.

How Does ETV Operate?

- ETV, which began in October 1995, operates through public/private testing partnerships to evaluate the performance of environmental technology in all media: air, water, soil, ecosystems, waste, pollution prevention, and monitoring.
- Market input is conveyed by the active involvement of stakeholder groups consisting of technology buyers, sellers, permittees, consultants, financiers, exporters and others within each sector.
- Any technology vendor within each technology category selected by stakeholders for verification is welcome, but in no way required, to participate.
- All test/quality assurance plans and protocols are developed with the participation of technical experts, stakeholders, and vendors; available prior to testing; peer reviewed by other experts; and updated after testing, as appropriate.



[ETV Program Case Studies: Demonstration Program Outcomes](#)
(PDF, 2.7 M, 117 pages)

ETV

Announcements

- [ETV News Releases](#)
- [Vendors Wanted](#)
- [New Verifications](#)
- [Feature Article in TechComm, The National Journal of Technology Commercialization](#)
[ETV disclaimer](#)
- [US EPA Environmental Technology Verification \(ETV\) International Forum Summary, July 13-14, 2005](#)
(PDF, 585 Kb, 103 pp)

ETVoice

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NPDES Training - Office of Wastewater Management - Microsoft Internet Explorer

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National Pollutant Discharge Elimination System (NPDES)

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NPDES Training Courses and Workshops

The NPDES Permitting program offers training courses, workshops, and webcasts to explain the regulatory framework and technical considerations of the NPDES Permit program. These courses are designed for permit writers, dischargers, EPA officials, and other interested parties.

Currently the following courses or webcasts are available:

- [2nd National Water Quality Trading Conference](#)
 - [May 23, 2006 - May 25, 2006 - Pittsburgh, Pennsylvania](#)
- [NPDES Permit Writers' Training Course](#)
 - [May 01, 2006 - May 05, 2006 - Anchorage, Alaska](#)
 - [August 07, 2006 - August 11, 2006 - Davis, California](#)
 - [September 18, 2006 - September 22, 2006 - Albany, New York](#)
 - [October 23, 2006 - October 27, 2006 - Woodbridge, Virginia](#)
- [Pretreatment Training: Introduction and Intermediate Topics](#)
 - [April 25, 2006 - April 26, 2006 - Pittsburgh, Pennsylvania](#)
 - [July 11, 2006 - July 13, 2006 - Salt Lake City, Utah](#)
- [Pretreatment Training: Intermediate and Advanced Topics](#)
 - [April 26, 2006 - April 28, 2006 - Pittsburgh, Pennsylvania](#)
 - [July 12, 2006 - July 14, 2006 - Salt Lake City, Utah](#)
- [General Overview of the Elements of an Industrial Pretreatment Program](#)
 - [May 01, 2006 - May 02, 2006 - Atlantic City, New Jersey](#)

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Training Resources

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Who Are You?

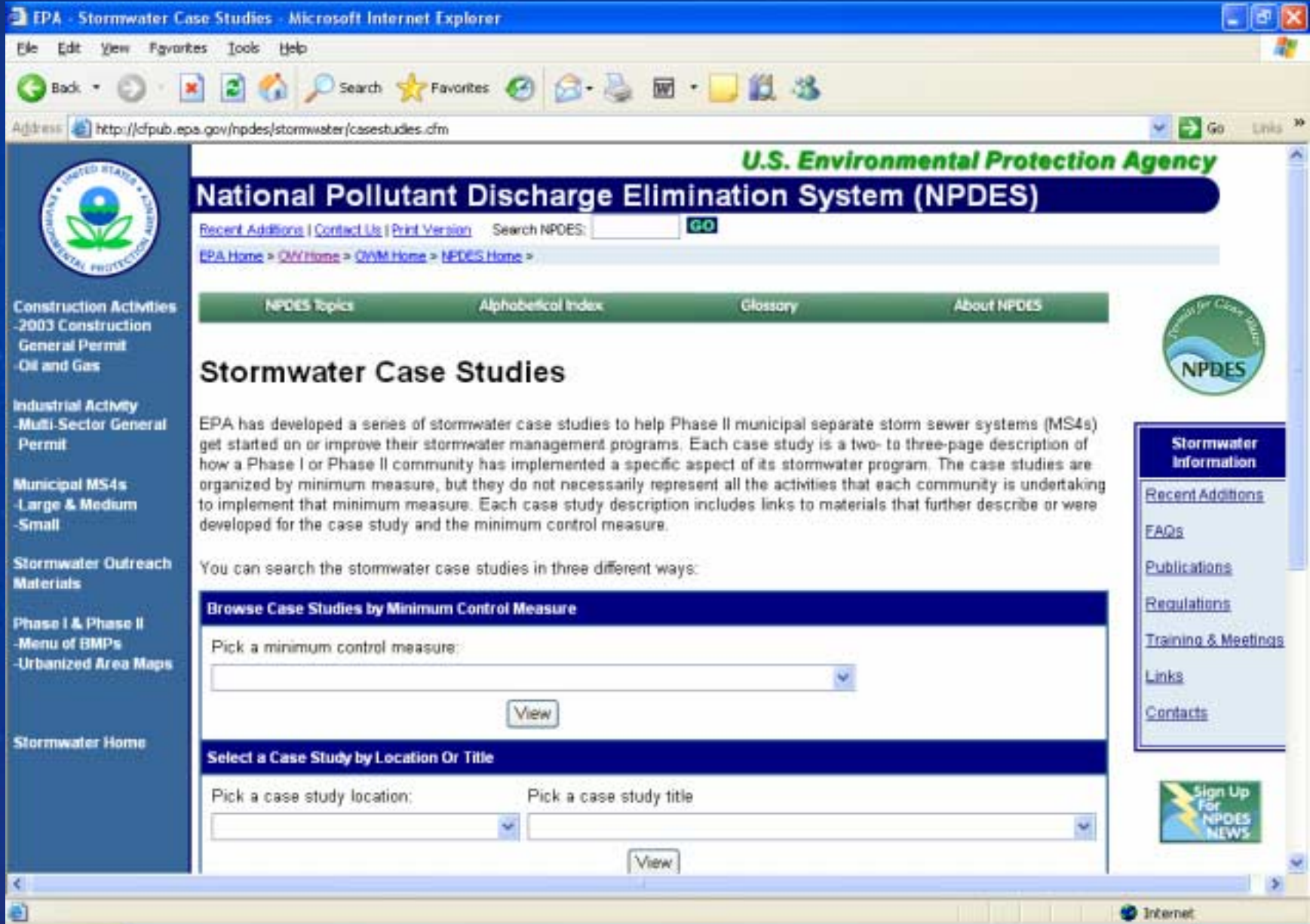
- Agriculture
- Industrial and Commercial Facilities
- Interested Citizens
- Municipalities and Wastewater Treatment Plants
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NPDES Information

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Program Areas

- Animal Feeding Operations
- Combined Sewer Overflows
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- Sanitary Sewer Overflows
- Stormwater



The screenshot shows a Microsoft Internet Explorer browser window displaying the EPA Stormwater Case Studies website. The browser's address bar shows the URL: <http://cfpub.epa.gov/npdes/stormwater/casestudies.cfm>. The website header features the U.S. Environmental Protection Agency logo and the title "National Pollutant Discharge Elimination System (NPDES)". A search bar for NPDES is present, along with navigation links for "Recent Additions", "Contact Us", "Print Version", "EPA Home", "QW Home", "QWM Home", and "MS4S Home".

The main content area is titled "Stormwater Case Studies" and includes a paragraph explaining that EPA has developed a series of stormwater case studies to help Phase II municipal separate storm sewer systems (MS4s) get started on or improve their stormwater management programs. Each case study is a two- to three-page description of how a Phase I or Phase II community has implemented a specific aspect of its stormwater program. The case studies are organized by minimum measure, but they do not necessarily represent all the activities that each community is undertaking to implement that minimum measure. Each case study description includes links to materials that further describe or were developed for the case study and the minimum control measure.

Below the paragraph, it states: "You can search the stormwater case studies in three different ways:"

1. **Browse Case Studies by Minimum Control Measure**: This section includes a dropdown menu labeled "Pick a minimum control measure:" and a "View" button.

2. **Select a Case Study by Location Or Title**: This section includes two dropdown menus labeled "Pick a case study location:" and "Pick a case study title:", and a "View" button.

The left sidebar contains a navigation menu with the following categories:

- Construction Activities
 - 2003 Construction
 - General Permit
 - Oil and Gas
- Industrial Activity
 - Multi-Sector General Permit
- Municipal MS4s
 - Large & Medium
 - Small
- Stormwater Outreach Materials
- Phase I & Phase II
 - Menu of BMPs
 - Urbanized Area Maps
- Stormwater Home

The right sidebar features a "Stormwater Information" section with links to "Recent Additions", "FAQs", "Publications", "Regulations", "Training & Meetings", "Links", and "Contacts". There is also a "Sign Up For NPDES NEWS" button.

EPA Surf Your Watershed - Microsoft Internet Explorer

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Address <http://www.epa.gov/surf/> Go Links


U.S. Environmental Protection Agency


Surf Your Watershed


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[EPA Home](#) > [Water](#) > [Wetlands, Oceans, & Watersheds](#) > [Watersheds](#) > Surf Your Watershed

Surf Your Watershed is a service to help you locate, use, and share environmental information about your state and watershed.

 **Locate Your Watershed**

 **Adopt your Watershed**

 **Environmental Websites**

[Why Watersheds?](#)

[Environmental Websites](#)

[Disclaimer](#) | [Comments](#)

[EPA Home](#) | [Privacy and Security Notice](#) | [Contact Us](#)

Last updated on Thursday, March 30th, 2006
URL: <http://www.epa.gov/surf/>

<http://www.epa.gov/watershed/envsites/> Internet



New England Interstate Water Pollution Control Commission (NEIWPCC)

New England Interstate Water Pollution Control Commission - Microsoft Internet Explorer

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Address: <http://www.neiwpcc.org/> Go Links

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New England Interstate Water Pollution Control Commission

Water Quality

Wastewater and Onsite Systems

Drinking Water

Underground Storage Tanks

Training

Publications and Resources

Conferences

Employment

Links

Working for Clean Water Since 1947

Regional Coordination

Serving and Assisting Member States

Research

Training, Education and Information

What's New

- ▶ The deadline for the submission of **LISS Enhancement Grants proposal** has been extended to **March 20, 2006**. NEMPPC is soliciting grant proposals addressing five priority topics; please visit our [LISS Web page](#) for additional information.
- Now available:** The Spring 2006 Training Catalog for NEMPPC's Environmental Training Center is online. This catalog also includes Massachusetts Wastewater Training and Maine's JETCC courses for Winter/Spring 2006. Visit our [training schedule page](#) for online and downloadable course descriptions. For more information about all of our training efforts, please visit our [Training Page](#).
- ▶ **Register now!** NEMPPC and Massachusetts DEP are co-sponsoring a series of workshops this spring on "Nitrification/Denitrification" ([download PDF description](#)) and "Phosphorus Removal" ([download PDF description](#)) from POTW effluents. Both courses will focus on permit compliance, treatment technologies, and operational controls for nutrient removal.
- ▶ **WWTF Labor Market Survey:** NEMPPC has completed a survey of wastewater treatment facilities in the Northeast to collect data about industry workforce characteristics, current and future staffing needs, hiring procedures, and salary/benefits packages. [Read about the survey and our key findings](#). For additional information on working in the water quality field, visit our [Career Information page](#).

Please visit the new **Regional Research Initiative** section of this website to find out about NEMPPC's water research efforts.

Latest issue of **LUSTLine** now available in its entirety online!

IWR Institute for Water Resources

Done Internet


Center for Watershed Protection - Microsoft Internet Explorer

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Address: <http://www.cwp.org/> Go Links

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CENTER FOR WATERSHED PROTECTION


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Site Last Updated: March 29, 2006

Latest News:

- [Part 3 of the Urban Watershed Forestry Manual released!](#) - 3/28/06
- Make the upcoming Center websites work for you! [Take the short online survey!](#)
- [2006 Watershed Institute date and location announced](#) - 2/21/06


Latest Publications:



Part 3 of the Urban Watershed Forestry Manual: Urban Tree Planting Guide

The Center, in cooperation with the USDA Forest Service, has completed a three-part manual series on using trees to protect and restore urban watersheds. This series is the result of extensive research compiled over the past year and two design workshops involving over forty foresters, stormwater engineers, watershed organizations, landscape architects, and other experts. Click [HERE](#) for more information.


Part 3 of the Urban Watershed Forestry has just been released and can be downloaded for FREE with Parts 1 and 2! [CLICK HERE](#)




The Center recently drafted a guide for developing watershed plans in Maryland for the Maryland

Institute Logins
November 2005: 51 Attendees

Upcoming Institutes

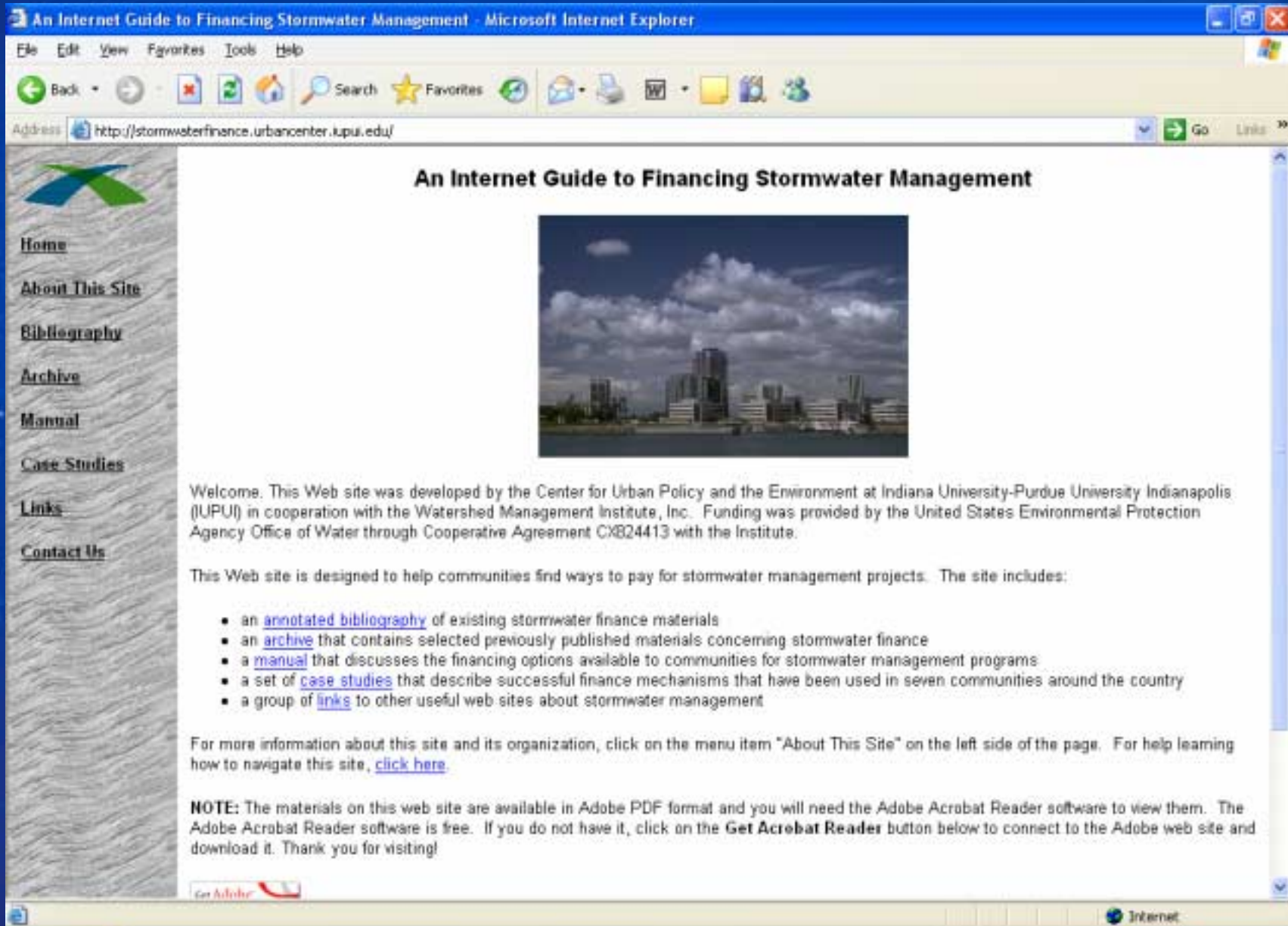


[Watershed Institute Track](#)
[River Network's River Rally](#)
May 5-9 2006, Bretton Woods, NH




[Watershed Institute 2006](#)
[Deer Creek Conference Center](#)
October 23-26, 2006

Done Internet



The screenshot shows a Microsoft Internet Explorer browser window. The title bar reads "An Internet Guide to Financing Stormwater Management - Microsoft Internet Explorer". The address bar shows the URL "http://stormwaterfinance.urbancenter.iupui.edu/". The main content area features a navigation menu on the left with links for Home, About This Site, Bibliography, Archive, Manual, Case Studies, Links, and Contact Us. The main heading is "An Internet Guide to Financing Stormwater Management", followed by a photograph of a city skyline. Below the photo is a welcome message and a list of site features.

An Internet Guide to Financing Stormwater Management




Welcome. This Web site was developed by the Center for Urban Policy and the Environment at Indiana University-Purdue University Indianapolis (IUPUI) in cooperation with the Watershed Management Institute, Inc. Funding was provided by the United States Environmental Protection Agency Office of Water through Cooperative Agreement CX824413 with the Institute.

This Web site is designed to help communities find ways to pay for stormwater management projects. The site includes:

- an [annotated bibliography](#) of existing stormwater finance materials
- an [archive](#) that contains selected previously published materials concerning stormwater finance
- a [manual](#) that discusses the financing options available to communities for stormwater management programs
- a set of [case studies](#) that describe successful finance mechanisms that have been used in seven communities around the country
- a group of [links](#) to other useful web sites about stormwater management

For more information about this site and its organization, click on the menu item "About This Site" on the left side of the page. For help learning how to navigate this site, [click here](#).

NOTE: The materials on this web site are available in Adobe PDF format and you will need the Adobe Acrobat Reader software to view them. The Adobe Acrobat Reader software is free. If you do not have it, click on the **Get Acrobat Reader** button below to connect to the Adobe web site and download it. Thank you for visiting!




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Address <http://www.bmpdatabase.org/> Go Links



International Stormwater Best Management Practices (BMP) Database

Home	*****
Database	New: Analysis of treatment system performance (1999 - 2005): <u>DB_Download/BMP_Performance_Summaries_Feb_2006.zip</u>
Reports/Software	
Project Background	*****
Contacts/Sponsors	

Project Sponsors

Welcome to the International Stormwater Best Management Practices (BMP) Database project web site, which features technical documents, software and database developed over the past decade. The overall purpose of the project is to provide scientifically sound information to improve the design, selection and performance of BMPs. To accomplish this goal, the Project Team has developed tools to promote scientifically-based collection and management of the data needed to evaluate the effectiveness of stormwater runoff BMPs. These tools include standardized BMP monitoring and reporting protocols, a stormwater BMP database, BMP performance evaluation protocols, and BMP monitoring guidance. Continued population of the database and assessment of its data will ultimately lead to a better understanding of factors influencing BMP performance and help to promote improvements in BMP design, selection and implementation.

The project, which began in 1996 under a cooperative agreement between the American Society of Civil Engineers ([ASCE](#)) and the U.S. Environmental Protection Agency ([USEPA](#)), now has support and funding from a broad coalition of partners including the Water Environment Research Foundation ([WERF](#)), ASCE Environmental and Water Resources Institute ([EWRI](#)), USEPA, Federal Highway Administration ([FHWA](#)) and the American Public Works Association ([APWA](#)). [Wright Water Engineers, Inc.](#) and [GeoSyntec Consultants](#) are the entities maintaining and operating the database clearinghouse and web page, answering questions, conducting analyses of newly submitted BMP data, conducting up-dated performance evaluations of the overall data set, disseminating project findings, and expanding the database to include other approaches such as Low Impact Development techniques. The database itself is downloadable

Done Internet

Low Impact Development Center - Home - Microsoft Internet Explorer

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Address <http://www.lowimpactdevelopment.org/home.htm> Go Links

Low Impact Development Center

BALANCING GROWTH, ENVIRONMENTAL INTEGRITY.

March 30, 2006 1:33:04 pm

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Home Conferences / Employment Opportunities / Links / Publications / Resources / Training

Welcome


Are you looking for the latest additions to the LID Center website?!
(view scrolling content on the left or [click here](#))

WELCOME

The Low Impact Development Center is a non-profit organization dedicated to the advancement of Low Impact Development technology. Low Impact Development is a new, comprehensive land planning and engineering design approach with a goal of maintaining and enhancing the pre-development hydrologic regime of urban and developing watersheds.

Services we provide:

- Research
- Training
- Planning
- Natural Resource Program Development
- Sustainable Infrastructure Design
- Ordinance Development
- Prototype Design
- Monitoring



The Low Impact Development Center, Inc.

Disclaimer

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Latest News!

LID for Big Box Retailers
[Nov. 2005] [More...](#)

Department of Defense (DoD) United Facilities Criteria (UFC) LID Design Manual
[Nov. 2004] [More...](#)

Internet


Low Impact Development (LID) Urban Design Tools - Microsoft Internet Explorer

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Address <http://www.lid-stormwater.net/> Go Links

Low Impact Development (LID) Urban Design Tools



This site provides watershed managers with a new set of tools and techniques that can be used to meet regulatory and receiving water protection program goals for urban retrofits, re-development projects, and new development sites.

[Interactive Design Page](#) | [Site Map](#)

[IMP Standards and Specifications](#) **new!!**

This site has been developed through a Cooperative Assistance Agreement under the US EPA Office of Water 104b(3) Program in order to provide guidance to local governments, planners, and engineers for developing, administering, and incorporating **Low Impact Development (LID)** into their aquatic resource protection programs. LID technology is an alternative comprehensive approach to stormwater management. It can be used to address a wide range of Wet Weather Flow (WWF) issues, including Combined Sewer Overflows (CSOs), National Pollutant Discharge Elimination System (NPDES) Stormwater Phase II permits, Total Maximum Daily Load (TMDL) permits, Nonpoint Source Program goals, and other Water Quality Standards.

Revised: May 16, 2003

This site designed by:
Low Impact Development (LID) Center
A non-profit organization balancing growth and environmental integrity.

Internet

Stormwater Authority - Providing information, news, resources on storm water - Microsoft Internet Explorer

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Stormwater
authority.org

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All About Stormwater, All in One Spot.

LET US HELP YOU FIND INFORMATION FOR: ENGINEERS | SITE OWNERS/DEVELOPERS | CONTRACTORS

Stormwater
authority.org

All About Stormwater, All in One Spot.

HAVE STORMWATER QUESTIONS?

A FREE ADVICE
Ask any questions.
We'll answer.

MORE

TODAY IN STORMWATER

Long Island Soundkeeper Filter Project a Success

1 2 3

LEARN MORE

STORMWATER STOCKPILE
SEE OUR DIRECTORY OF PRODUCTS

STAY INFORMED
SIGN UP FOR ESTORM NEWS

LITERALLY SPEAKING
What goes in here
Stays in here.

ROSCOE MOSS COMPANY

LATEST NEWS FROM STORMWATER AUTHORITY XML

- Long Island Soundkeeper Filter Project a Success
- New Wetlands Mitigation Guidance Issued for Washington State
- Stormwater Turns Honolulu Canal Into an Open Sewer
- EPA Releases \$7.5 Million to Clean Michigan's Rouge River
- Washington State to Revise Water Quality Standards

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Stormwater | The Journal for Surface Water Quality Professionals - Microsoft Internet Explorer

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Welcome To

The Journal for Surface Water Quality Professionals

Stormwater

Welcome to the Web site for Stormwater, the Journal for Surface Water Quality Professionals. If you're looking for information on NPDES Phase II compliance, TMDLs, or any other issues related to surface water quality, look no further! Published 7 times each year, Stormwater reaches more than 21,000 subscribers. Sit back, click around, read the current issue or past issues, and enjoy. We're adding content daily, so come back often.

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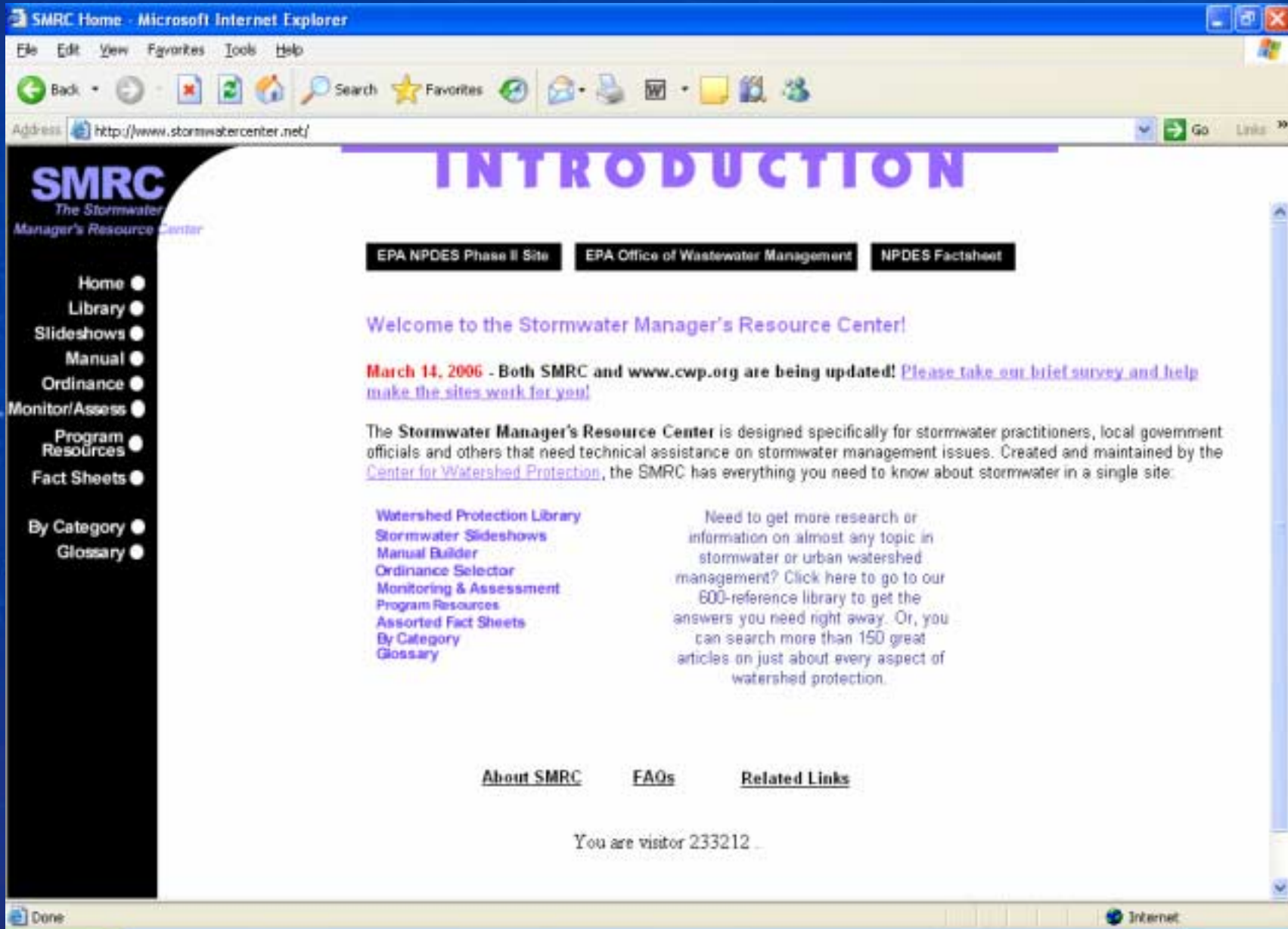
Wastewater Treatment | Distributed Energy | Erosion Control | MSW Management
Grading & Excavation Contractor | StormCon | ForesterPress | Forester Communications

Pretreatment of your retention pond prevents costly pond maintenance.
Click here to learn how.



Ads by Google

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SMRC Home - Microsoft Internet Explorer

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Address <http://www.stormwatercenter.net/> Go Links

SMRC

The Stormwater Manager's Resource Center

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- By Category ●
- Glossary ●

INTRODUCTION

[EPA NPDES Phase II Site](#) [EPA Office of Wastewater Management](#) [NPDES Factsheet](#)

Welcome to the Stormwater Manager's Resource Center!

March 14, 2006 - Both SMRC and www.cwp.org are being updated! [Please take our brief survey and help make the sites work for you!](#)

The Stormwater Manager's Resource Center is designed specifically for stormwater practitioners, local government officials and others that need technical assistance on stormwater management issues. Created and maintained by the [Center for Watershed Protection](#), the SMRC has everything you need to know about stormwater in a single site:

- [Watershed Protection Library](#)
- [Stormwater Slideshows](#)
- [Manual Builder](#)
- [Ordinance Selector](#)
- [Monitoring & Assessment](#)
- [Program Resources](#)
- [Assorted Fact Sheets](#)
- [By Category](#)
- [Glossary](#)

Need to get more research or information on almost any topic in stormwater or urban watershed management? Click here to go to our 600-reference library to get the answers you need right away. Or, you can search more than 150 great articles on just about every aspect of watershed protection.

[About SMRC](#) [FAQs](#) [Related Links](#)

You are visitor 233212



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TMDLs.NET Homepage - Microsoft Internet Explorer

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W elcome!



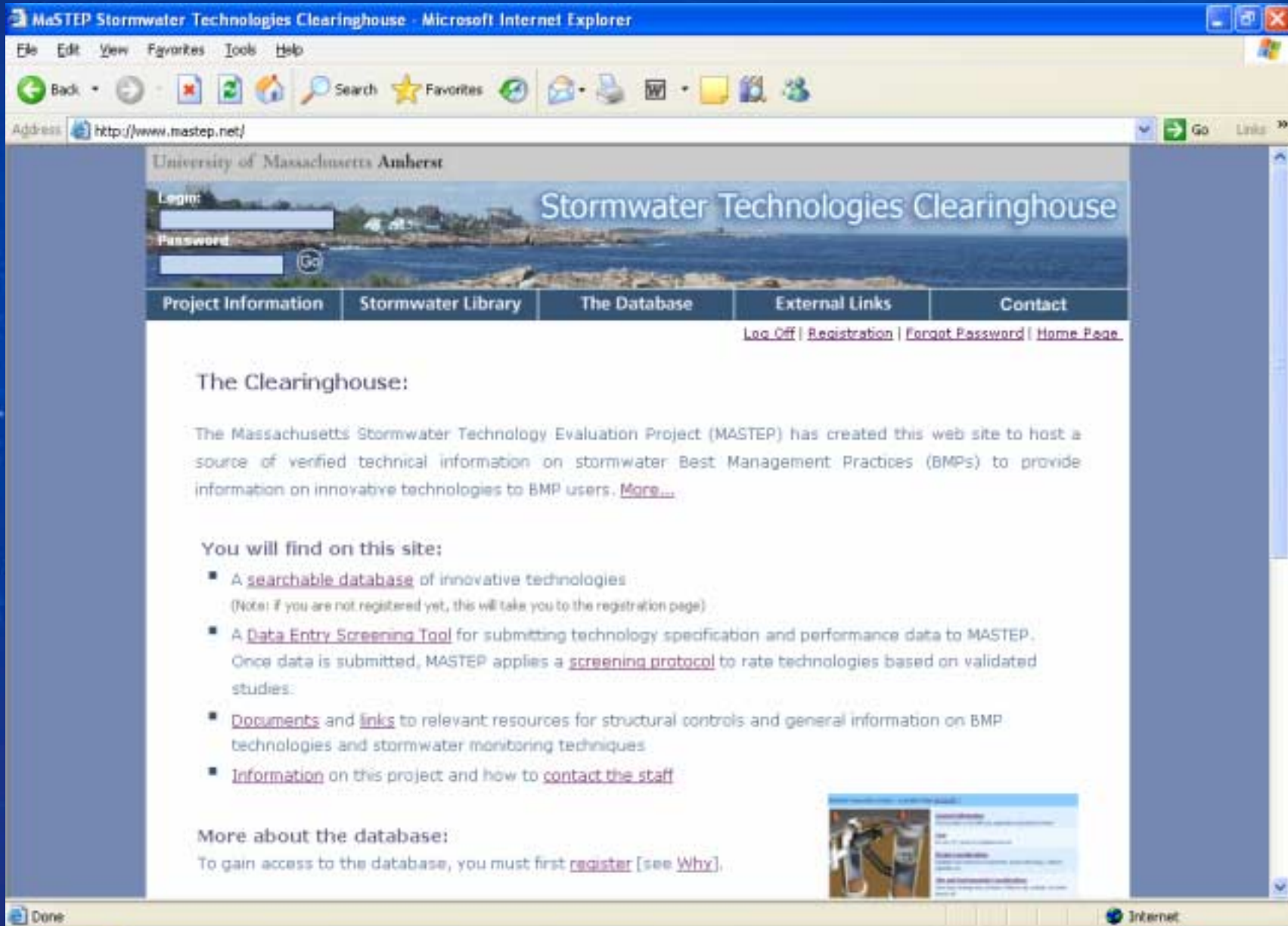
Take part in
[World Water Monitoring Day](#)
October 18, 2006

This site was created as a joint effort of America's Clean Water Foundation and the Association of State and Interstate Water Pollution Control Administrators to convey important information relating to **Total Maximum Daily Loads** (TMDLs). Portions of this site have been supported by grants from the United States Environmental Protection Agency. Additionally, the USEPA is also providing technical assistance.

The **Goal** of this site is to enhance State and local capacity to develop and implement TMDLs and other watershed-based approaches to help solve water quality issues. It accomplishes this task by helping to:

- Educate stakeholders on challenges and opportunities that TMDLs present.
- Share useful information, tools, and effective approaches being used by the States.
- Foster communication among stakeholders and promote involvement in problem-solving at the local level.

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MaSTEP Stormwater Technologies Clearinghouse - Microsoft Internet Explorer

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Stormwater Technologies Clearinghouse

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The Clearinghouse:


The Massachusetts Stormwater Technology Evaluation Project (MASTEP) has created this web site to host a source of verified technical information on stormwater Best Management Practices (BMPs) to provide information on innovative technologies to BMP users. [More...](#)

You will find on this site:

- A [searchable database](#) of innovative technologies
(Note: if you are not registered yet, this will take you to the registration page)
- A [Data Entry Screening Tool](#) for submitting technology specification and performance data to MASTEP. Once data is submitted, MASTEP applies a [screening protocol](#) to rate technologies based on validated studies.
- [Documents](#) and [links](#) to relevant resources for structural controls and general information on BMP technologies and stormwater monitoring techniques
- [Information](#) on this project and how to [contact the staff](#)

More about the database:

To gain access to the database, you must first [register](#) [see [Why](#)].



UNH Stormwater Center :: Environmental Research Group :: University of New Hampshire - Microsoft Internet Explorer

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Address http://www.unh.edu/erg/cstev/


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UNH Stormwater Center

Dedicated to the protection of water resources through effective stormwater management




The UNH Stormwater Center will hold 12 BMP Technology Demonstration Workshops at its unique facility on UNH's Durham, NH campus starting April 13. The workshops will run through November 21. Spaces are going fast so register now! More information is available [here >>](#)




Interactive Stormwater Project Site Plan

An interactive project map gives an overview of the project as well as detailed drawings of treatment units. [More >>](#)



Treatment Unit Fact Sheets

These fact sheets include information about all 11 of the current stormwater treatment devices presently on-site at the Stormwater Center's research facility. The signs include basic information about the device, its footprint, the source of its design, its expected



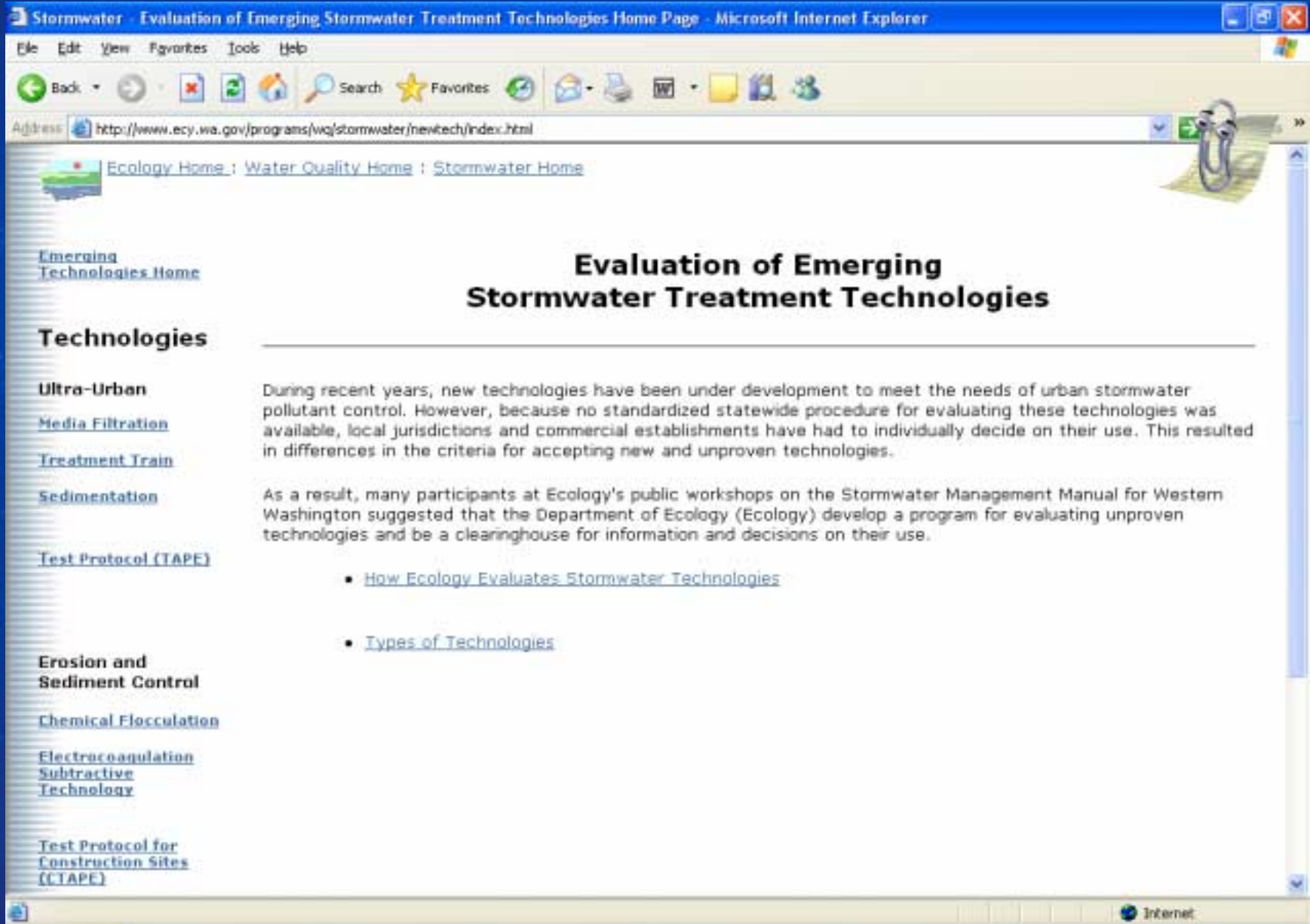
Funding provided by NOAA through a grant from CICEET.

» stormwater center

Stormwater Center

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- Research Team
- Presentations
- Software
- Construction
- Progress Reports
- Workshops

(8 items remaining) Downloading picture http://www.unh.edu/erg/cstev/Images/unh_logo.gf... Unknown Zone



Stormwater - Evaluation of Emerging Stormwater Treatment Technologies Home Page - Microsoft Internet Explorer

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Address <http://www.ecy.wa.gov/programs/wq/stormwater/newtech/index.html>

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Evaluation of Emerging Stormwater Treatment Technologies

Technologies

Ultra-Urban

[Media Filtration](#)

[Treatment Train](#)

[Sedimentation](#)

[Test Protocol \(TAPE\)](#)

Erosion and Sediment Control

[Chemical Flocculation](#)

[Electrocoagulation](#)

[Subtractive Technology](#)

[Test Protocol for Construction Sites \(CTAPE\)](#)

During recent years, new technologies have been under development to meet the needs of urban stormwater pollutant control. However, because no standardized statewide procedure for evaluating these technologies was available, local jurisdictions and commercial establishments have had to individually decide on their use. This resulted in differences in the criteria for accepting new and unproven technologies.

As a result, many participants at Ecology's public workshops on the Stormwater Management Manual for Western Washington suggested that the Department of Ecology (Ecology) develop a program for evaluating unproven technologies and be a clearinghouse for information and decisions on their use.

- [How Ecology Evaluates Stormwater Technologies](#)
- [Types of Technologies](#)

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Smart Waterways Home - Microsoft Internet Explorer

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Address: <http://www.smartwaterways.org/index.html>



Add Up to Cleaner Water

FEATURES



What's happening in Stormville?



See the waterways in your town

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**Welcome to Smart WaterWays,
the Chittenden County stormwater website!**

What is Stormwater Runoff and Why Is it a Problem?

Stormwater runoff occurs when water from rain or snowmelt flows over the ground. Stormwater can pick up pollutants such as oil and grease, chemicals, nutrients, metals and bacteria and flow into stormwater systems or directly to the lake, streams, rivers or wetlands. Anything that enters the stormwater system is discharged untreated into the waterways we use for swimming, fishing and providing drinking water.

Making little changes in your daily habits, you can help keep pollutants out of our stormwater. [Click here to find healthy habits for clean water.](#)

**Watch the Video:
After the Storm**



[CLICK HERE TO VIEW](#)

(You must have Real Player to view the movie. [Download it for free here.](#))

Partner Site:
[The Governor's Clean And Clear Action Plan](#)



For more information, send us an [e-mail](#)
 Chittenden County Regional Stormwater Education Program • C/o Chittenden County Regional Planning Commission
 Dan General Albrecht, Special Projects Planner • 30 Kimball Ave., Suite 206

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Address: http://cfpub2.epa.gov/npdes/docs.cfm?program_id=6&view=allprog&sort=name

U.S. Environmental Protection Agency

National Pollutant Discharge Elimination System (NPDES)

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Stormwater Publications



Resort documents: | [By Name](#) | [By Type](#) | [By Date](#) |

- **After the Storm**
Provides a broad overview of stormwater pollution, including runoff from residential and commercial properties, farms, construction sites, automotive facilities, forestry operations, and others (EPA 833-B-03-002).
Document Type: Factsheets and Outreach Materials
Date Published: 01/01/2003
[\[Click here to view in PDF format - 2.848KB\]](#)
 - **Customizable Version**
[\[Click here to view in PDF format - 429KB\]](#)
- **Applicability of the NPDES Program to Discharges of Stormwater Associated with Construction Activity at, or Construction of, Livestock Feeding Facilities**
Memorandum clarifying the interpretation of the NPDES regulations as they apply to discharges of storm water associated with construction activity, construction of, livestock feeding facilities involving animal feeding operations, concentrated animal feeding operations, and feedlots.
Document Type: Policy and Guidance Documents
Date Published: 02/05/1998
[\[Click here to view in PDF format - 127KB\]](#)



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