



Bioretention Systems: The “Dirt” on Soils, Water, & Infiltration

Tuesday, August 9, 2011
8:30 am to 1:30 pm
(registration starts at 8:00am)

Minnetonka Community Center
14600 Minnetonka Boulevard
Minnetonka, MN 55345
(952) 939-8390

MCWD member Fee: \$59.00
Non-member Fee: \$69.00

** Registration fee includes morning refreshments,
lunch & workshop materials.



register online at:
<http://www.regonline.com/Bioretention>
before August 3, 2011

Who should attend?

Public works staff, engineers, designers, planners, & public officials are invited to attend, discuss, and learn about stormwater BMP management.

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The workshop will focus on the importance of soils in bioretention systems, and the need of properly designing the water supply. Participants will learn how to retain rain to meet local and state requirements and permits. Presentations will include regulations, assessing existing conditions for infiltration suitability, BMP selection, and inspecting during construction and post construction phases. Attendees of this workshop will qualify for 4.5 personal development hours (PDHs)."

Register online by August 3, 2011

at <http://www.regonline.com/Bioretention>

or mail this completed form to: University of Minnesota Extension - RDU,
405 Coffey Hall 1420 Eckles Avenue St. Paul, MN 55108

Name: _____ Company/ Organization: _____

Address: _____ City, State, Zip: _____

Phone: _____ Email: _____

Payment Options: **MCWD member Fee: \$59** **Non-member fee: \$69**

Check, Money Order or Government Purchase Order (Payable to 'University of Minnesota')

Credit Card (MasterCard, Discover or Visa)

Cardholders Name (Please Print): _____

Credit Card Number: _____ Exp. Date: _____

Cardholder's Signature: _____

Registration: 8:00 am — Program 8:30 am to 1:30 pm

Bioretention Systems: The “Dirt” on Soils, Water, and Infiltration Agenda

Welcome & Introduction

Leslie Yetka, Education Manager, Minnehaha Creek Watershed District

Regulatory Overview

MPCA Representative & Luke Schwitzer, Compliance Officer, Minnehaha Creek Watershed District

Assessing Existing Conditions

Kurt Leuthold, P.E., LEED® AP, Senior Civil Engineer, Barr Engineering Company

Principles of Soil Infiltration

Farzana Ahmed , Research Assistant, University of Minnesota

Designing and Selecting Infiltration BMPs that will work

Kurt Leuthold, P.E., LEED® AP, Senior Civil Engineer, Barr Engineering Company

Bringing it all together

Liz Stout, P.E., Water Resources Engineer, City of Minnetonka

Field Exercise

Liz Stout, P.E., Water Resources Engineer, City of Minnetonka
Farzana Ahmed, Research Assistant, University of Minnesota
Shane Missaghi, Water Resources, University of Minnesota Extension

Forum: The Top 10 “not to dos”

All presenters

Wrap up & next Stormwater U

Leslie Yetka, Education Manager, Minnehaha Creek Watershed District

Developed with participation from:

Minnehaha Creek Watershed District
Barr Engineering Company
City of Minnetonka
University of Minnesota Extension

For this workshop and other
classes, check out our website at:
www.extension.umn.edu/Stormwater
& click on
“Stormwater U Workshops”