

5 reasons you won't want to miss this seminar!

1. You'll learn how to implement principles of low impact development (LID).
2. You'll examine environmental site design and site planning tools.
3. You'll become familiar with LID integrated management principles (IMPs).
4. You'll discuss LID hydrology considerations.
5. You'll get tips for controlling erosion and sedimentation.

Register online at: www.halfmoonseminars.com



HalfMoon LLC
PO Box 268
Eau Claire, WI 54702-0268

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Learn the principles of low impact development (LID)

New York Architects & Landscape Architects
6.5 HSW Contact Hours

Identify LID site planning tools and techniques

New York Engineers
6.5 Contact Hours

Discuss hydrology considerations and outcomes

NJ Architects & Landscape Architects
6.5 CE Hours (HSW)

Evaluate LID integrated management practices (IMPs)

American Institute of Architects
6.5 SD/HSW Learning Units

Identify steps for erosion and sedimentation control

Landscape Architect Continuing Ed. System
6.5 HSW PDHs

Construction Specifications Institute
.65 HSW CEUs



HalfMoon LLC presents:

Low Impact Development

Albany, NY • Wednesday, August 11, 2010

Agenda

Understanding and Implementing Principles of Low Impact Development

S. Trinkaus

Understanding the status quo: conventional development and stormwater management

Drawbacks of conventional approaches

Origins of low impact development (LID) concept

Principles of LID

What are benefits of LID?

- Environmental
- Municipal
- Public
- Developers

Applying Low Impact Development to a Site

S. Trinkaus

Environmental site design

(Natural Resource Assessment and Evaluation)

Hydrologic considerations

LID site planning tools (Applying LID techniques)

Develop preliminary site plan

Low-Impact Development Hydrology Considerations

C. Navitsky

Defining hydrologic principles

Identifying regional hydrologic considerations

Hydrologic tools for LID

Evaluating hydrologic outcomes

Low Impact Development Integrated Management Practices

S. Trinkaus

Choosing and designing integrated management practices (IMPs)

- Bioretention
- Level spreaders
- Subsurface gravel wetlands
- Infiltration Systems
- Pervious concrete/permeable pavers
- Filter strips
- Vegetated swales
- Cisterns

Erosion and Sediment Control in Low Impact Development

S. Trinkaus

Identifying causes of erosion and sedimentation

Steps for erosion and sedimentation control

Environmental and regulatory considerations

Case Studies

S. Trinkaus

About the Seminar

Wednesday, August 11, 2010

Hilton Garden Inn Airport (518) 464-6666
800 Albany Shaker Road • Albany, NY 12211

\$259 for one or \$239 each for three or more from the same company, registering at the same time. Each registration includes one copy of *Low Impact Development*.

It's easy to register. Enroll today!

Pre-registration is recommended. Walk-ins will be accepted if space is available. You will be contacted if any scheduling changes occur. We do not send confirmations.

- Register online at www.halfmoonseminars.com
- Return the attached form with check payable to **HalfMoon LLC** to: HalfMoon Seminars, PO Box 268, Eau Claire, WI 54702-0268
- Fax the attached form to **(715) 835-6066**.
- Call **(715) 835-5900** to register over the phone.

Cancellations: Cancel at least 48 hours before the start of the seminar (CDT), and receive a full tuition refund, minus a \$10 service charge for each registrant. If you cancel after that time, you may choose to apply a credit toward another seminar or the CD/manual package. You may also send another person to take your place.

Earn continuing education credit!

- 6.5 HSW Contact Hours for New York architects and landscape architects (HalfMoon LLC is deemed an approved provider via AIA)
- 6.5 Contact Hours for New York professional engineers (HalfMoon LLC is an approved provider)
- 6.5 HSW CE hours for New Jersey architects and landscape architects
- 6.5 SD/HSW Learning Units registered with the American Institute of Architects Continuing Education System
- 6.5 HSW PDHs registered with the Landscape Architect Continuing Education System
- 6.5 HSW CEUs registered with the Construction Specifications Institute Construction Education Network

Attendance will be monitored and reported to AIA/CES, LA CES, and CSI/CEN as requested. Attendance certificates will be mailed to all participants after the event.

CD/Manual Package: An audio recording of this seminar is available for \$269 (including shipping). Allow five weeks from the seminar date for delivery. Please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Faculty

Steven Trinkaus, *Principal with Trinkaus Engineering, LLC, in Southbury, CT*

Mr. Trinkaus is a licensed professional engineer in Connecticut as well as a certified professional in erosion and sediment control (CPESC) and a certified professional in stormwater quality CPSWQ. He received his undergraduate degree in Forest Management from the University of New Hampshire and has attended numerous professional conferences sponsored by the University of Wisconsin on low impact development, conservation subdivision design, constructed wetland treatment system design, and biofiltration systems design for storm water quality. Mr. Trinkaus has more than 27 years experience in the land development field, specializing in residential and commercial projects. He is an expert in the application of low impact development (LID) strategies and water quality issues associated with most land development projects. Mr. Trinkaus has designed both conventional and LID storm water treatment systems for various projects. He has presented papers at StormCon08, the 2008 & 2010 International LID Conferences, and the 2009 & 2010 World Environmental and Water Resources Congress on LID, Environmental Site Design and Water Quality Issues. Mr. Trinkaus authored a LID design manual for the Town of Tolland, Connecticut, which mandates the use of LID site design strategies and storm water strategies for all new development projects in the Town of Tolland. He is currently engaged with Planimetrics (planning firm) developing LID regulations and standards for the towns of Plainville, Harwinton, and East Granby in Connecticut. Mr. Trinkaus has developed a software application called Assessment of Pollutant Loads and Evaluation of Treatment Systems (A.P.L.E.T.S.) to create a uniform technical standard for these analyses.

Chris Navitsky *Lake George Waterkeeper, Lake George, NY*

Mr. Navitsky has been the Lake George Waterkeeper for six years; a program initiated by the Fund for Lake George in 2002. The Lake George Waterkeeper program utilizes engineering and science based approach to defend the natural public resources of Lake George and its basin for the common good of the watershed and community. Mr. Navitsky has been recognized as the 2005 Conservationist of the Year by the Adirondack Council and has been featured in publications such as Adirondack Life. He is a graduate of the SUNY - College of Environmental Science and Forestry at Syracuse University in Environmental Engineering and a licensed professional engineer in New York and Pennsylvania. Prior to becoming the Waterkeeper, Mr. Navitsky worked for 16 years in consulting engineering focused on site development and municipal engineering with strengths in wastewater design, stormwater management and erosion control. The Lake George Waterkeeper is a member of Waterkeeper Alliance which has over 175 waterkeepers protecting waterbodies around the world.

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Low Impact Development

Yes, I will attend – Albany, NY - Wednesday, August 11, 2010
\$259 for a single registrant or \$239 each for three or more from the same company registering at the same time. (Manual included.)

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Wednesday, August 11, 2010

Complete the following for each registrant.

Attach duplicate forms if necessary.

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Name:

Position:

Name:

Position:

Detach entire panel. Send via fax to 715-835-6066 or by mail to HMS, PO Box 268, Eau Claire, WI 54702-0268.

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