

Course Overview

What are the next steps to implement your Municipal Separate Storm Sewer System (MS4) Pollutant Reduction Plan (PRP)? Join our experts to explore the financial and ecological commitments you made when you submitted your NPDES MS4 permit application to the Pennsylvania Department of Environmental Protection (PA DEP).

Designers and regulators will discuss how to design pollutant reduction facilities (Green Stormwater Infrastructure, stream restoration) with an eye on controlling installation and maintenance cost.

Contractors who have built pollutant reduction facilities in Pennsylvania, including stream restoration projects, will discuss how to complete a project and what your long-term financial and maintenance commitments might be.

Whether it is Green Stormwater Infrastructure, structural stormwater BMPs, or stream restoration, designing and building pollutant reduction facilities to minimize long-term operation and maintenance costs is vital. Let us help you Guide Your PRP to Stretch Your Municipal Dollars and Save Green!

Target Audience

Municipal managers, public works staff, environmental non-profits, and contractors and municipal staff that design, build, and maintain green stormwater infrastructure and stream restoration projects

Presenters

Nathan Walker, *Wood; PWEA Stormwater Committee Chair*

Lee Murphy, *PA DEP Bureau of Clean Water*

Dan Zimmerman, *Warwick Township Manager*

Jim Blanch, *Whitpain Township Engineer*

Kate Austin, *City of Lancaster Green Infrastructure Asset Technician*

Toby Kessler, *Gilmore & Associates, Inc.*

Chris Bergerson, *Philadelphia Water Department*

Robert Kalbach, *Utility Services Group, Inc.*

Mike Lasala, *LandStudies*

Tim Schueler, *Hazen and Sawyer*

Robert Struble, *Brandywine Red Clay Alliance*

Brad Clubb, *Flyway Excavating*

Tom Schueler, *Chesapeake Stormwater Network*

Bill Gralski, *Hampden Township Stormwater Manager*

Ruth Hocker, *City of Lancaster Stormwater Manager*

Beth Dutton, *3 Rivers Wet Weather; PWEA Stormwater Committee Vice-Chair*

Vendor Displays

Vendors will be available to discuss their equipment and services.

The concepts, ideas, procedures, and opinions offered at PWEA educational opportunities are those expressed by the various presenters. The PWEA assumes no responsibility for errors or omissions in the presentations.



“Designing, Building, and Maintaining Pollutant Reduction Facilities: Guide Your PRP to Save Green”

6.5 Professional Development Hours

**A One-Day Stormwater Conference
Thursday, October 11, 2018
8:00am – 4:00pm**

**Lancaster Farm and Home Center
1383 Arcadia Rd
Lancaster, PA 17601**

**This conference is presented by the
PWEA Stormwater Committee**

Agenda

8:00am	Registration – Coffee & Pastries with Vendors
8:30am	Welcome & Introduction – <i>N. Walker</i>
	Pollution Reduction Plans (PRPs) in Review – <i>L. Murphy</i>
	Water Quality Projects that Delivered – <i>D. Zimmerman</i>
	Playing the Long Game towards Water Quality <i>J. Blanch</i>
10:00am	Break & Networking with Vendors
	Designing GSI with Maintenance in Mind – <i>K. Austin</i>
	GSI Monitoring in an Urban Environment – <i>T. Kessler & C. Bergerson</i>
	Stormwater BMP Maintenance – <i>R. Kalbach</i>
12:00pm	Lunch & Networking with Vendors
	Expert Panel Standards – <i>M. Lasala</i>
	Stream Restoration Design, Permitting and Construction – <i>Tim Schueler</i>
2:00pm	Break & Networking with Vendors
	Stream Restoration Projects – Perspectives from a Backhoe – <i>R. Struble & B. Clubb</i>
	Cleaner Streams for Pennsylvania – 2023 and Beyond – <i>Tom Schueler</i>
	Q&A with Expert Panel – <i>B. Gralski (moderator)</i>
	Closing Remarks – <i>R. Hocker</i>
4:00pm	Adjournment – <i>B. Dutton</i>

Registration Information

- **Registration is limited – please register early!**
- **On-site registrations cannot be accepted.**
- **Registration deadline is September 28, 2018.**
- **Registration fee includes lunch and breaks.**
- Please arrive between 8:00 and 8:30am to check in at the PWEA registration table.
- The PWEA is a non-profit corporation with a Federal EIN of 23-7169337.

Mail registration form with payment to:

PWEA
PO Box 61
Blossburg, PA 16912

Or Fax to: (570) 549-2221

Or Email to: cindyrock@pwea.org

Cancellation & Substitution Policy

Cancellations received in writing 4 weeks prior to the date of the conference will receive a full refund less a \$30 administrative fee. No refunds will be made after that date. Substitutions may be made until the registration deadline and must be made in writing, accompanied by a registration form for the substitute.

Overnight Accommodations

Overnight accommodations are the responsibility of each individual. PWEA does not have a room block with any area hotels.

Directions to the Conference Location

The location can be found by entering the street address in your GPS device, or by going to an online mapping website.

Questions? Contact Cindy Rock, PWEA Conference Manager: (570) 549-2204 or cindyrock@pwea.org

REGISTRATION FORM

“Designing, Building, and Maintaining Pollutant Reduction Facilities: Guide Your PRP to Save Green”

Thursday, October 11, 2018

PLEASE PRINT ALL INFORMATION CLEARLY

Name _____ First Name for Badge _____

Organization _____

Address _____

City _____ State _____ Zip Code _____

Email Address _____

Phone _____ PE License # _____

Member Fee (PWEA ID # _____) \$ 70

Non-Member Fee \$120

Optional – Green Infrastructure Walking Tour – Wednesday, October 10th, 3-5pm – No Charge

**Registration can be completed online for both credit card and check payments;
or complete the information below and fax/mail to PWEA.**

Check enclosed (payable to PWEA) MasterCard Visa American Express Discover

Card # _____ Expiration date _____ Security code _____
(from back of card)

Signature _____

Name (as it appears on card) _____

Billing Address (if different than above) _____

City _____ State _____ Zip Code _____

Registration deadline is September 28, 2018.