



REGISTER ONLINE AT:
www.afsinc.org/2018stormwaterseminar

RETURN FORM TO:
American Foundry Society
35169 Eagle Way, Chicago, IL 60678-1351
Tel: 800-537-4237 Fax: 847-824-7848

REGISTRATION FEES

- AFS Member \$650
- Non-AFS Member \$795

Name

Title

Company

Address

City/State/Zip

Phone

E-mail

AFS Membership#

Payment:

- American Express MasterCard
- VISA Check enclosed

Card Number

CV# Expiration Date

Authorized Signature

If submitted before **April 1**, please enter the two-letter postal code of any state you want covered in the State Specific Stormwater Requirements discussion. For example, if your foundry has three locations you may enter: MI, WI and AL.

CONFERENCE CANCELLATIONS AND SUBSTITUTIONS:

Substitutions will be accepted anytime. However, cancellations of confirmed registrants with full refund of fees will not be accepted unless received at least two weeks prior to the conference date. In the unlikely event the conference is cancelled for any reason, AFS liability is limited to the return of the registration fee.

CONFERENCE PHOTO POLICY:

Registration for the conference implies consent that pictures, video or audio recording taken during AFS and AFS-related events can be used for conference coverage and promotional purposes. AFS is able to use your likeness without remuneration.

HOTEL INFORMATION:

Crowne Plaza Columbus-Downtown
33 E Nationwide Blvd, Columbus, OH 43215

HOTEL RESERVATIONS:

To reserve a room, go to: <http://bit.ly/AFSStorm18>
Or, you can call the hotel at 877-283-1700 and mention you are with the AFS Stormwater Compliance Seminar 2018. Room rate - \$139.00 (Premium guest room). The hotel's check-in time is 4 p.m. Check-in prior to the hotel's published check-in times are subject to availability. Room assignments prior to this time are on a space available basis. Check-out time is 11 a.m.

HOTEL CANCELLATIONS AND SUBSTITUTIONS:

Substitutions will be accepted at any time. If you need to cancel your reservation, you must do so with no less than a 72-hour notification prior to the first day of arrival to avoid one (1) night room and tax charge.

TAX DEDUCTION OF EXPENSES:

An income tax deduction is allowed for expenses of education, including registration fee, travel, meals and lodging, undertaken to maintain and improve professional skills (see U.S. Treasury Regulation 1.162.5).

You are strongly encouraged to bring a laptop. The speaker list, participant list, vendor list, PowerPoint slides and local restaurants list will be distributed electronically.

STORMWATER

Compliance Seminar 2018

May 8-9, 2018
Crowne Plaza
Columbus-Downtown
Columbus, OH

Topics to be covered include:

- Fundamentals of the Clean Water Act
- **Stormwater** overview
- Identifying typical foundry pollutants
- **Stormwater** permitting
- State specific requirements
- How to develop a **Stormwater** Pollution Prevention Plan
- **Stormwater** sampling procedures
- **Stormwater** reference documents



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STORMWATER Compliance Seminar 2018

May 8-9, 2018
Crowne Plaza
Columbus-Downtown
Columbus, OH

www.afsinc.org/2018stormwaterseminar

This **seminar** has been developed to provide in depth and foundry-focused training related to **stormwater compliance**. Building on the fundamentals of the Clean Water Act, this seminar will address the rapidly changing world of stormwater compliance, addressing both the regulatory and technical issues involved in meeting the complex and sometimes frustrating requirements. This seminar is especially timely given the numerous new state General Stormwater Permits issued in 2017. Attendees will learn how to develop **Storm Water Pollution Prevention Plans (SWPPPs)**, and be supplied with many references including a detailed, **foundry-specific SWPPP template**, **current EPA and state stormwater guidance documents**, **tips on maintaining stormwater compliance**, **identification and selection of administrative and structural Best Management Practices (BMPs)**, **definition of Best Industry Practices**, **construction stormwater scenarios**, and **common stormwater compliance pitfalls**. In addition, for those registered by April 1, 2018, the state specific stormwater requirements for their respective states will be included in the training.

Tuesday, May 8, 2018

8 - 9 a.m. COMPLIMENTARY BREAKFAST

8 a.m. - 6 p.m. REGISTRATION

9 - 9:30 a.m. I. INTRODUCTION and PURPOSE

Larry Bowers
McWane, Inc.
Birmingham, AL

9:30 - 10 a.m. II. HELPFUL STORMWATER REFERENCES

a) EPA Guidance Documents and Fact Sheets
b) State References
c) Vendor Lists
d) Class Materials Summary
Angela Dine Schmeisser
St. Marys Foundry, Inc.
Saint Marys, OH

10 - 10:15 a.m. BREAK

10:15 - 10:45 a.m. III. FUNDAMENTALS of the CLEAN WATER ACT

a) Stream Use Designation
b) Water Quality Standards
c) User Impairments
d) Anti-degradation
e) Effluent vs Water Quality Based Limits
f) Opportunity for Third Part Involvement
Larry Bowers

10:45 - 11:15 a.m. IV. NPDES STORM WATER PERMITS

a) Types of Permits

- General (Industrial Multi-sector & Construction State Permits)
- Individual

b) EPA's Multi-Sector General Permit (2008 MSGP)

- Applicability and Effect on State Agencies
- Potentially Applicable Sectors for the Foundry Industry
- Basic Requirements
- 2008 MSGP vs Proposed MSGP

Angela Dine Schmeisser

11:15 am - 12:30 p.m.

V. STATE SPECIFIC REQUIREMENTS

States covered will reflect student attendance. Register by April 1st to request discussion of specific state requirements.

Larry Bowers

12:30 - 1:30 p.m.

LUNCH - Ohio EPA Speaker to be determined

1:30 - 2 p.m.

V. Continue with STATE SPECIFIC REQUIREMENTS

2- 2:15 p.m.

BREAK - Vendors will be onsite.

2:15 - 3:45 p.m.

VI. SWPPP DEVELOPMENT

a) Introduction to the AFS Template and Forms
b) Identification of Outfalls
c) Identification and Status of Receiving Waters
d) Identification of Pollutants and Pollutant Sources
e) Identification of Allowable Non Stormwater Discharges
f) Selection of BMPs
g) Inspection Requirements
h) Monitoring Requirements
i) Corrective Action Process
j) Training
k) Record Keeping Requirements

Mack Overton
Keramida
Indianapolis, IN

and

Steven Blasko
M&H Valve
Anniston, AL

3:45 - 4:30 p.m.

PANEL DISCUSSION AND QUESTION & ANSWER

4:30 - 6:00 p.m.

VENDOR RECEPTION

Wednesday, May 9, 2018

8 - 9 a.m. COMPLIMENTARY BREAKFAST

8 - 9:30 a.m.

VII. STORMWATER PERMIT COMPLIANCE

a) Non-numeric Technology-Based Effluent Limits
b) Benchmarks and Data-comparison
c) Visual Evaluations
d) Inspections
e) Reporting and Recordkeeping
f) Non-Stormwater Discharges
g) Corrective Actions and the Iterative Process
h) When is Enough Truly Enough?
i) Common Compliance Pitfalls
j) Frequently Asked Questions

Larry Bowers

9:30 - 9:45 a.m. BREAK

9:45 - 10:15 a.m.

VIII. TYPICAL FOUNDRY POLLUTANTS and SOURCES

Paul Turpin

TRC Environmental
Madison, WI

10:15 - 11:15 a.m.

IX. STORMWATER SAMPLING

a) Locations
b) Sampling Procedures
c) Methods of Analysis

Mack Overton
Keramida
Indianapolis, IN

and

Eric Squire
McWane Ductile Ohio
Coshocton, OH

11:15 a.m. - Noon

X. BEST MANAGEMENT PRACTICES

a) Non-structural Controls

- Operational
- Administrative
- Source Elimination

b) Fundamentals of Stormwater Pollutant Removal
c) Cost-effective Temporary Controls
d) Stormwater Structural Controls

- Hydrodynamic Separators
- Filter Systems
- Low Impact Development (LID) Methods
- Ponds
- Wetland Treatment Systems

e) Defining "Best Industry Practices"

Larry Bowers
McWane, Inc.
Birmingham, AL

and

Paul Turpin
TRC Environmental
Madison, WI

Noon - 1 p.m.

LUNCH

1 - 2 p.m.

X. BEST MANAGEMENT PRACTICES (continued) - Case Studies & Exercises

2 - 2:30 p.m.

XI. CONSTRUCTION STORMWATER OVERVIEW

a) Applicability
b) Definition of Disturbance
c) Definition of a Project (Piecemeal)
d) NOI and SWPPP Development
Paul Turpin

2:30 - 2:45 pm

BREAK

2:45 - 3:15 p.m.

XI. CONSTRUCTION STORMWATER OVERVIEW (continued)

e) Common BMPs
f) Inspection Requirements
g) State Variability

3:15 - 4 pm

XII. FINAL QUESTION & ANSWER SESSION