2018 National Stormwater Roundtable













February 20 - 23, 2018 Atlanta, Georgia

Purpose:

The 2018 National Stormwater Roundtable supports implementation of federal and state municipal, industrial, and construction stormwater programs nationwide by sharing best management practices, showcasing innovative state programs and initiatives, highlighting new technologies, facilitating discussion on national program enhancements and improvements, identifying state resource needs including tools, training and guidance, and proposing solutions to challenges and barriers faced by the regulators and other stakeholders.

Attendees:

The Stormwater Roundtable is national meeting specifically organized by state and federal regulators for EPA and state program staff representatives. Attendees include:

- State managers, permit writers, inspectors, and compliance staff involved in managing and regulating stormwater
- EPA Headquarter and Regional staff involved in stormwater regulation
- Partnering state and federal agency staff that provide technical and/or regulatory assistance to the stormwater program
- Invited guests

Hotel:

Fairfield Inn & Suites, 54 Peachtree Street SW, Atlanta, Georgia 30303

Website:

Future updates for this meeting can be found on ACWA's website: https://www.acwa-us.org/event/stormwater-meeting/

Special thanks to the Planning Committee:

Melanie Davenport (VA), Alicia Good (RI), Joseph Haberek (RI), Seth Heminway (EPA HQ), Paul Hlavinka (MD), Sean Ireland (EPA R4), Robert Karesh (TN), Marni Karnowski (MN), Lisa Knerr (CO), Mike Mitchell (EPA R4), Sam Sampath (EPA R4), Abigail Rains (KY), Bryan Rittenhouse (EPA HQ), Jaime Robb (VA), Chris Stone (CT), Anna Truszcynski (GA), and Rachel Urban (EPA HQ).

Tuesday, February 20, 2018

This meeting is only open to States, EPA co-regulators, and invited guests.

8:00 AM Breakfast on Your Own

9:30 AM Registration & Security Sign-In

10:30 - 11:00 AM Welcome & Opening Remarks

Association of Clean Water Administrators

Deputy Director, Sean Rolland

Georgia Environmental Protection Division

Director, Richard Dunn

United States Environmental Protection Agency - Region 4

Director, Water Protection Division, Mary Walker

11:00 - 12:00 PM Georgia Stormwater Program

The growth of Georgia's towns, cities, and suburbs has profoundly altered the natural drainage systems and water resources in our state. Urbanization has changed the physical, chemical and biological conditions of our waterways. In this session you will hear more about stormwater management in Georgia which includes requirements for NPDES municipal and industrial permits, TMDLs, watershed assessments, as well as the desire to protect human life, property, aquatic habitats and the quality of life in our communities.

Georgia Environmental Protection Division

Manager, Nonpoint Source Program, Dr. Anna Truszczynski

12:00 - 12:30 PM Atlanta Stormwater Program

The Department of Watershed Management is a regional public utility serving 1.2 million customers each day. Core services of the Department include treatment and delivery of safe drinking water, treatment and collection of wastewater and management of stormwater in the City of Atlanta.

City of Atlanta, Department of Watershed Management

Deputy Commissioner, Todd Hill

12:30 - 1:45 PM Lunch on Your Own

1:45 - 2:00 PM EPA National Stormwater Program Updates

During this session, EPA Headquarters will provide a quick summary on a couple of select stormwater program initiatives.

United States Environmental Protection Agency

Municipal Branch Chief, Chris Kloss

2:00 - 2:30 PM Writing Permits to Meet the MS4 Remand Rule

In the final small MS4 Remand Rule EPA established two alternative approaches. For this session EPA will provide an update on different permitting states are taking.

United States Environmental Protection Agency

Attorney Advisor, Greg Schaner





2:30 - 3:45 PM

Meeting TMDL Requirements in the Stormwater Program

Maryland has issued several industrial stormwater permits with TMDL requirements included, following the MSGP model. The presentation will include specific examples of how the Chesapeake Bay TMDL was considered into these, as well how local TMDL WLA are addressed at the time of permit registration.

Maryland Department of the Environment

Industrial and General Permits Division, Paul Hlavinka

In this session EPA will talk about a specific approach they took on a permit and consent decree in Region 1. EPA will present from both the permit program and enforcement program perspectives.

United States Environmental Protection Agency - Region 1

Environmental Scientist, Newton Tedder

United States Environmental Protection Agency - Region 1

Enforcement Officer, Andrew Spejewski

3:45 - 4:00 PM

Break

4:00 - 5:00 PM

How Do You Define Maximum Extent Practicable?

Over the years environmental groups, municipal groups, industrial groups, and states have all requested that EPA provide clarity to the statutory requirement that MS4s reduce pollutant discharges to the "maximum extent practicable" (MEP). Clean Water Act (CWA) section 402(p) requires MS4s "to reduce the discharge of pollutants to the maximum extent practicable," but the law does not explicitly define the standard, leaving EPA to determine how strict "practicable" really is, given the effectiveness of available technology. In this session, we will hear from an environmental attorney that represents several stakeholders on MEP and related issues.

Barnes & Thornburg, LLP

Jeff Longsworth

5:00 PM

Meeting Adjourn





Wednesday, February 21, 2018

This meeting is only open to States, EPA co-regulators, and invited guests.

7:00 AM Breakfast on Your Own

8:00 AM Registration & Sign-In

8:30 - 9:30 AM New MS4 Permits – What does Clear, Specific, & Measurable Look Like

This presentation will cover Colorado's and New Jersey's experience in revamping their MS4

permits to be clear, specific, and measurable.

Colorado Department of Public Health & Environment

Environmental Protection Specialist, Lisa Knerr

New Jersey Department of Environmental Protection

Chief, Bureau of Nonpoint Source Pollution, Jim Murphy

9:30 - 10:30 AM Electronic Permitting Systems – How Can They Be Helpful

In this session Wisconsin and Texas will discuss their electronic permitting systems, why they were developed, who they apply to, key features of each system, how they have been helpful,

and challenges both states experienced.

Wisconsin Department of Natural Resources

Stormwater Specialist, Suzan Limberg

Texas Commission on Environmental Quality

Team Leader, Stormwater & Pretreatment, Rebecca L. Villalba

10:30 - 10:45 AM Break

10:45 - 11:15 PM Oversight Inspections – How to Increase the Value through Partnering

Oversight inspections have generally been viewed as an important EPA tool in assessing state performance and progress in implementing CWA programs and facility performance in meeting permit requirements. Oversight inspections are not always viewed by states and other stakeholders as providing value. In this session, EPA and states will discuss ways to increase the

value of Oversight Inspections.

United States Environmental Protection Agency – Region 6

Compliance Assurance and Enforcement Division, Carol Johnson

11:15 - 12:15 PM Taking Enforcement Actions: Assessing Penalties and Other Requirements

Procedures that Rhode Island has developed to expedite the enforcement process for MSGP permittees, resulting in timely and appropriate enforcement of violations identified during

inspections.

Rhode Island Department of Environmental Management

Supervising Sanitary Engineer, Joseph Haberek

Iowa Department of Natural Resources and MS4 managers have spent the last few years identifying the regulatory challenges with the increased populations and ensuring that the MS4 programs are addressing all permit responsibilities, including taking appropriate enforcement action.

Iowa Department of Natural Resources

Environmental Program Supervisor, Ted Petersen





12:15 - 1:30 PM

Lunch on Your Own

1:30 - 4:00 PM

Break-Out Groups Discussion of Programmatic Hot Topics

Hot Topics	Hot Topics	Hot Topics
MS4 Track	Construction Track	Industrial Track
Moderators:	Moderators:	Moderators:
Chris Stone (CT)	Abigail Rains (KY)	Paul Hlavinka (MD)
Lisa Knerr (CO)	Emily Halter (EPA HQ)	Tara Houea (EPA Ŕ4)
1. Targeting Sites for Inspection	1. Targeting Sites for Inspection	1. Targeting Sites for Inspection
2. Top Compliance Issues	2. Top Compliance Issues	2. Top Compliance Issues
3. Residual Designation Authority	3. Small Lot SWMP Template and Other	3. MSGP Settlement and Implication for
4 I T Ct Dl i	Approaches	States
4. Long Term Stormwater Planning	4. Permanent Erosion and Sediment	4. Unpermitted Industries and No
5. Effective Water Quality Based	Control Measures	Exposure Certification
Requirements in Permits	Control Measures	Exposure Cerunication
	5. Effective Water Quality Based	5. Effective Water Quality Based
6. Other Hot Issues	Requirements in Permits	Requirements in Permits
	6. Other Hot Issues	6. Other Hot Issues
Summarized conversation to share	Summarized conversation to share	Summarized conversation to share
with larger group.	with larger group.	with larger group.

4:00 - 5:15 PM Hot Topic Report Out

5:15 PM Meeting Adjourn





Thursday, February 22, 2018

This meeting is only open to States, EPA co-regulators, and invited guests.

7:00 AM Breakfast on Your Own

8:00 AM Registration & Sign-In

8:30 - 9:45 AM Transportation & Stormwater

Rhode Island is streamlining the process of developing and approving stormwater control plans to meet MS4 TMDL implementation requirements. Hear how the Rhode Island Department of Transportation and The Rhode Island Department of Environmental Management are collaborating to develop a stormwater manual for linear transportation projects.

Rhode Island Department of Environmental Management

Chief of Groundwater and Wetlands Protection, Eric Beck

This presentation will describe how the Nevada Department of Transportation recently implemented an advanced and sustainable Stormwater Program. It will illustrate some of the challenges encountered and technical innovations devised along the way.

Nevada Department of Transportation

Deputy Director, Dave Gaskin

To implement the new Lake Champlain Phosphorus TMDLs, Vermont has developed a new stormwater permit for all municipal roads. Municipalities shall now plan for and implement local road upgrades to meet state standards.

Vermont Department of Environmental Conservation

Planning, Municipal and Technical Program Coordinator, Christy Witters

9:45 - 10:00 AM Break

10:00 - 11:00 AM Illicit Discharge Detection and Elimination: How to Measure Success

Executing a successful illicit discharge investigation. Where to start, what tools to use and what tools to leave at home. What is the measure of success? Elimination or Enforcement?

District of Columbia Department of Energy and Environment

Chief, Inspection & Enforcement Branch, Joshua Rodriguez

United States Environmental Protection Agency - Region 1

Enforcement Officer, Todd Borci

11:00 - 12:00 PM Efficient and Effective Oversight of MS4 Programs

This presentation provides an overview of North Carolina's MS4 Sustainability Strategy (MS6). The goal of MS6 is to efficiently establish consistent and sustainable stormwater programs through sharing and collaboration among MS4's.

North Carolina Department of Environmental Quality

Environmental Engineer, Robert Patterson





Wisconsin will provide an overview of the DNR's MS4 permit evaluation procedures, provide tips and describe some tools to perform an effective evaluation, and summarize a few of the lessons learned from recent MS4 program assessments.

Wisconsin Department of Natural Resources

Stormwater Program Coordinator, Jim Bertolacini

12:00 - 1:15 PM

Lunch on Your Own

1:15 - 2:15 PM

Post Construction: Trends and Findings

Across the nation states are implementing post-construction stormwater management programs. Many studies indicate that prior planning and design for the minimization of pollutants in post-construction stormwater discharges is the most cost-effective approach to stormwater quality management. In this session Connecticut and Michigan will discuss post construction programs in their states.

Connecticut Department of Energy and Environmental Protection

Water Permitting & Enforcement Division, Chris Stone

Michigan Department of Environmental Quality

MS4 Program Coordinator, Christe Alwin

2:15 - 4:00 PM

Regional Breakout Discussions

Tables will be set up by Regions to allow participants from the same geographic area to discuss issues and challenges not already covered by the meeting's agenda. Each table will report out the next day with a summary of the issues discussed.

- 1. Identify a speaker from your table to report out on the discussions.
- 2. Each participant at the table should identify and/or confirm their top 1 or 2 program challenges that did not show up on this year's agenda.
- 3. The group should also discuss ways EPA and ACWA might be helpful in addressing some of these issues

4:00 - 5:15 PM

Regional Breakout Session - Report Out & Discussion

Representatives from each of the Regional Breakout Tables will share with the audience some of the challenges identified and discussed.

5:15 PM

Meeting Adjourn





Friday, February 23, 2018

This meeting is only open to States, EPA co-regulators, and invited guests.

7:00 AM Breakfast on Your Own

8:00 AM Bag Check-In ACWA Offices

9:00 - 10:00 AM Different Approaches to Ensuring BMP Verification and Effectiveness

Virginia will provide a brief overview of their program and how the state is addressing the thousands of BMPs that are being implemented in their part of the Chesapeake Bay watershed.

Virginia Department of Environmental Quality

Environmental Manager, Jaime Robb

North Carolina worked with a diverse group of stakeholders to update its design standards for stormwater control measures to provide more flexibility for treating stormwater in a more cost-effective manner than can also enhance developments.

North Carolina Department of Environmental Quality

Environmental Engineer, Annette Lucas

10:00 - 11:00 AM How Tools and Technology Can Help Permittees and Inspectors

The presentation will provide a look at the NJDEP's development of a mapping and inventory assistance program. The program includes the creation of a variety of tools for creating a stormwater infrastructure map and inventory that will help permittees meet several MS4 permit requirements.

New Jersey Department of Environmental Protection

Environmental Engineer, Tim Ebersberger

EPA's National Stormwater Calculator is a software application that estimates the annual amount of rainwater and frequency of runoff from a specific site based on local soil conditions, land cover, and historic rainfall records. A new cost estimation module (capital and maintenance) and mobile web application will be highlighted

United States Environmental Protection Agency - NRMRL

Office of Research & Development, Jason Bernagros

11:00 - 11:45 AM Permitting Unique Facilities – What Factors to Consider

During the eight years since the Minnesota Pollution Control Agency re-introduced the general industrial stormwater permit to a lapsed permittee community, the agency ran the gamut of total compliance to total unwillingness to comply with the state's rules. As a result, Industrial Stormwater staff discerned five types of difficult permittees.

Minnesota Pollution Control Agency

Industrial Stormwater Program Coordinator, Melissa Wenzel

11:45 - 12:00 PM Program Wrap Up

Association of Clean Water Administrators

Deputy Director Sean Rolland

12:00 PM Meeting Adjourn



