Association of Clean Water Administrators

NUTRIENTS PERMITTING WORKSHOP
PURPOSE

This workshop is part of a series of meetings focused on nutrients permitting through a grant between EPA, ACWA, and WEF. The workshop series is intended to help support states and EPA to further identify challenges & barriers to nutrient permitting program implementation, highlight opportunities for program improvement & enhancement, showcase innovations, assist with analysis of training, guidance, tools, and other support material needs, improve administrative efficiencies, clarify roles and responsibilities, promote program streamlining, build stronger linkages to WQS & TMDLs, modernize permit terms and data management, revise program performance measures, identify program areas where targeted technical assistance would be most beneficial, and attempt to solve some of the most intractable nutrients issues.

In December 2017, ACWA held the first Nutrients Permitting Workshop in Boise, Idaho. The Boise meeting consisted of presentations and discussion on various nutrients permitting topics. In June 2018, ACWA held the second Workshop in Columbus, Ohio. That meeting focused on the relationship between technology and permitting. In November 2018, ACWA held the third Workshop in Gulfport, Mississippi. The Gulfport meeting focused on the relationship between TMDLs and permitting for nutrients.

The November 2019 meeting in Alexandria, Virginia focuses on identifying challenges and building solutions regarding water quality standards and permitting for nutrients.

SPECIAL THANKS TO

8:30-9:00 AM  
Registration and Sign-in

9:00-9:30 AM  
Welcome and Opening Remarks  
Mark Patrick McGuire, Association of Clean Water Administrators  
TBD - Anna Wildeman, Principal Deputy Assistant Administrator, US EPA

9:30-10:30 AM  
Introduction to Water Quality Standards  
OST Representative – Shari Barash/Melissa Dreyfus

10:30-10:45 AM  
Break

10:45-11:45 AM  
Introduction to Water Quality Criteria for Nutrients  
Dana Thomas, US EPA

11:45 AM-12:15 PM  
State Perspectives on Numeric Nutrient Criteria and Permitting  
James Crawshaw and Ashley Keely, Missouri DNR

12:15-1:30 PM  
Lunch (Catered)

1:15-2:00 PM  
State Perspectives on Numeric Nutrient Criteria and Permitting (Continued)  
Mike Supplee, Montana DEQ

2:00-3:30 PM  
State Perspectives on Narrative Nutrient Criteria and Permitting  
Trevor Flynn/Michelle Probasco, Kansas DHE  
Shelly Lemon/Jennifer Fulham, New Mexico ED  
Marty Haroldson, North Dakota DEQ

3:30-3:45 PM  
Break

3:45-5:00 PM  
Discussion: Challenges deriving limits from state nutrients standards  
Tables will discuss specific topics generated prior to the workshop and report out to the larger group.

5:00 PM  
Meeting Adjourn

5:30-7:00 PM  
Happy Hour Networking Event (Optional)
9:00-10:30 AM  How permit writers interpret water quality standards duration and frequency into NPDES permit limits
Danielle Stephan, Office of Wastewater Management, Water Permits Division, US EPA
Ashley Ward, Ohio EPA
Allan Brockenbough, Virginia DEQ

10:30-10:45 AM  Break

10:45 AM-12:00 PM  The Interaction Between Technology Limits and Water Quality Standards for Nutrients
Adam Schnieders, Iowa DNR
Steven Wood, New York DEC

12:00-1:15 PM  Lunch (Catered)

1:15-2:30 PM  How permitting for nutrients for small systems is affected by water quality standards
Mike Tate, EPA Region 7
Tom Stiles, Kansas DHE

2:30-3:30 PM  Developing water quality trading programs protective of nutrients standards
TBD

3:30-3:45 PM  Break

3:45-5:00 PM  Discussion: What tools do states need to overcome limit derivation challenges?
Tables will discuss the topic and report to the larger group.

5:00 PM  Meeting Adjourn
**THURSDAY, NOVEMBER 7**

<table>
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<tr>
<th>Time</th>
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| 9:00-10:30 AM   | **Staff Coordination (Part 1) - Water Quality Standards Nutrients Variances**  
Shari Barash, Office of Science and Technology, USEPA  
TBD, Region 5, USEPA  
TBD |
| 10:30-10:45 AM  | Break                                                                |
| 10:45-11:45 AM  | **Staff Coordination (Part 2) - Permitting and water quality standards staff coordination in the development of criteria and implementation tools**  
Spencer Bohaboy, Oregon DEQ  
AJ Maupin, Idaho DEQ |
| 11:45 AM-12:00 PM| **Workshop Wrap-Up**  
Mark Patrick McGuire, *Association of Clean Water Administrators* |
| 12:00 PM        | Meeting Adjourn                                                      |
| 12:30 PM        | **AlexRenew Facility Tour (Optional)**  
TBD |