

*Association of Clean Water
Administrators*

NUTRIENTS PERMITTING WORKSHOP

Association of Clean Water Administrators

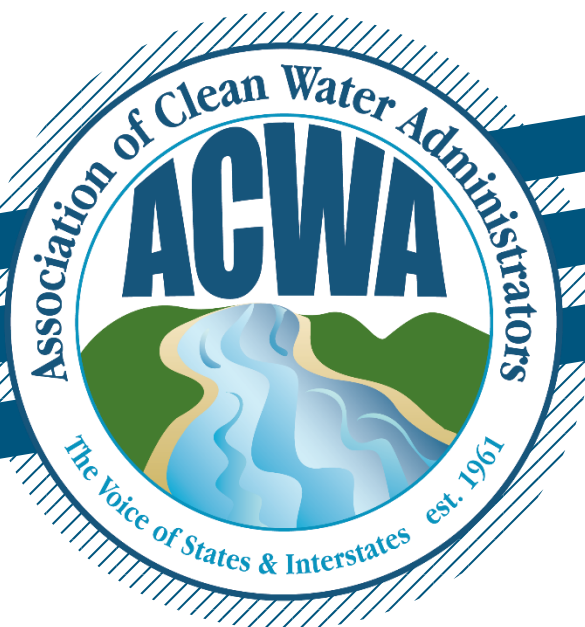
2019 Nutrients Permitting Workshop

**AlexRenew
1800 Limerick Street
Alexandria, Virginia
November 5-7, 2019**

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

United States Environmental Protection Agency, Water Environment Federation, AlexRenew, and the Nutrients Permitting Workshop Planning Committee.

TUESDAY, NOVEMBER 5

8:30-9:00 AM	REGISTRATION AND SIGN-IN
9:00-9:30 AM	WELCOME AND OPENING REMARKS Mark Patrick McGuire, <i>Association of Clean Water Administrators</i> Anna Wildeman, <i>Principal Deputy Assistant Administrator, US EPA</i>
9:30-10:30 AM	INTRODUCTION TO WATER QUALITY STANDARDS Shari Barash and Heather Goss, <i>Office of Science and Technology, US EPA</i>
10:30-10:45 AM	BREAK
10:45-11:45 AM	INTRODUCTION TO WATER QUALITY CRITERIA FOR NUTRIENTS Dana Thomas, <i>Office of Science and Technology, US EPA</i>
11:45 AM-12:15 PM	STATE PERSPECTIVES ON NUMERIC NUTRIENT CRITERIA AND PERMITTING James Crawshaw and Ashley Keely, <i>Missouri Department of Natural Resources</i>
12:15-1:30 PM	LUNCH (CATERED)
1:30-2:00 PM	STATE PERSPECTIVES ON NUMERIC NUTRIENT CRITERIA AND PERMITTING (CONTINUED) Mike Suplee, <i>Montana Department of Environmental Quality</i>
2:00-3:30 PM	STATE PERSPECTIVES ON NARRATIVE NUTRIENT CRITERIA AND PERMITTING Tom Stiles, <i>Kansas Department of Health and Environment</i> Shelly Lemon, <i>New Mexico Environmental Department</i> Marty Haroldson, <i>North Dakota Department of Environmental Quality</i>
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)

WEDNESDAY, NOVEMBER 6

9:00-10:30 AM	<p>HOW PERMIT WRITERS INTERPRET WATER QUALITY STANDARDS DURATION AND FREQUENCY INTO NPDES PERMIT LIMITS</p> <p>Danielle Stephan, <i>Office of Wastewater Management, US EPA</i> Ashley Ward, <i>Ohio Environmental Protection Agency</i> Allan Brockenbough, <i>Virginia Department of Environmental Quality</i></p>
10:30-10:45 AM	<p>BREAK</p>
10:45 AM-12:00 PM	<p>THE INTERACTION BETWEEN TECHNOLOGY LIMITS AND WATER QUALITY STANDARDS FOR NUTRIENTS</p> <p>Adam Schnieders, <i>Iowa Department of Natural Resources</i> Steven Wood, <i>New York State Department of Environmental Conservation</i></p>
12:00-1:15 PM	<p>LUNCH (CATERED)</p>
1:15-2:30 PM	<p>HOW PERMITTING FOR NUTRIENTS FOR SMALL SYSTEMS IS AFFECTED BY WATER QUALITY STANDARDS</p> <p>Mike Tate, <i>Region 7, US EPA</i> Tom Stiles, <i>Kansas Department of Health and Environment</i></p>
2:30-3:30 PM	<p>DEVELOPING WATER QUALITY TRADING PROGRAMS PROTECTIVE OF NUTRIENTS STANDARDS</p> <p>Amelia Letnes, <i>Office of Wastewater Management, US EPA</i></p>
3:30-3:45 PM	<p>BREAK</p>
3:45-5:00 PM	<p>DISCUSSION: WHAT TOOLS DO STATES NEED TO OVERCOME LIMIT DERIVATION CHALLENGES?</p> <p>Tables will discuss the topic and report to the larger group.</p>
5:00 PM	<p>MEETING ADJOURN</p>

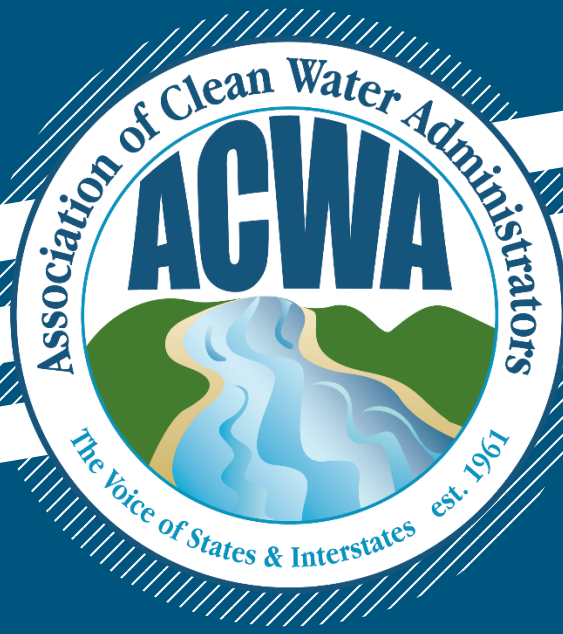
THURSDAY, NOVEMBER 7

9:00-10:30 AM	STAFF COORDINATION (PART 1) - WATER QUALITY STANDARDS NUTRIENTS VARIANCES Shari Barash and Melissa Dreyfuss, <i>Office of Science and Technology, US EPA</i> Micah Bennett, <i>Region 5, US EPA</i> Shelly Lemon, <i>New Mexico Environmental Department</i>
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 Matthew Claucherty, <i>Wisconsin Department of Natural Resources</i> AJ Maupin, <i>Idaho Department of Environmental Quality</i>
11:45 AM-12:00 PM	WORKSHOP WRAP-UP Mark Patrick McGuire, <i>Association of Clean Water Administrators</i>
12:00 PM	MEETING ADJOURN
12:30-2:30 PM	ALEXRENEW FACILITY TOUR (OPTIONAL)

Have a safe trip home from Alexandria, Virginia.

The next Nutrients Permitting Workshop will be held in June 2020. The location is yet to be determined.

PARTICIPANTS LIST

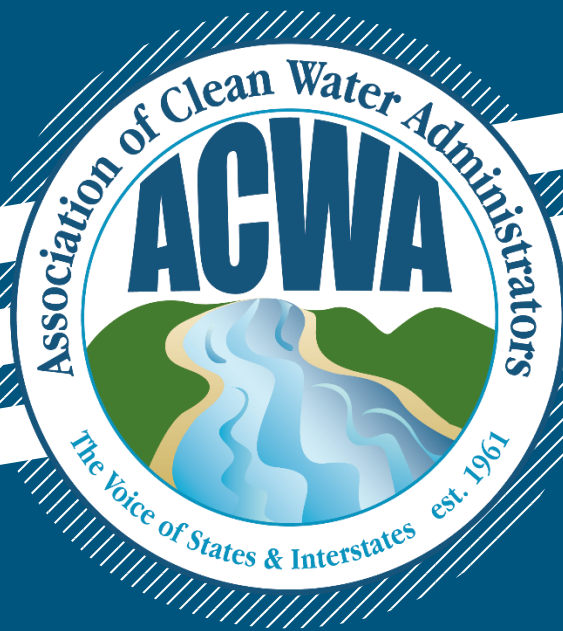


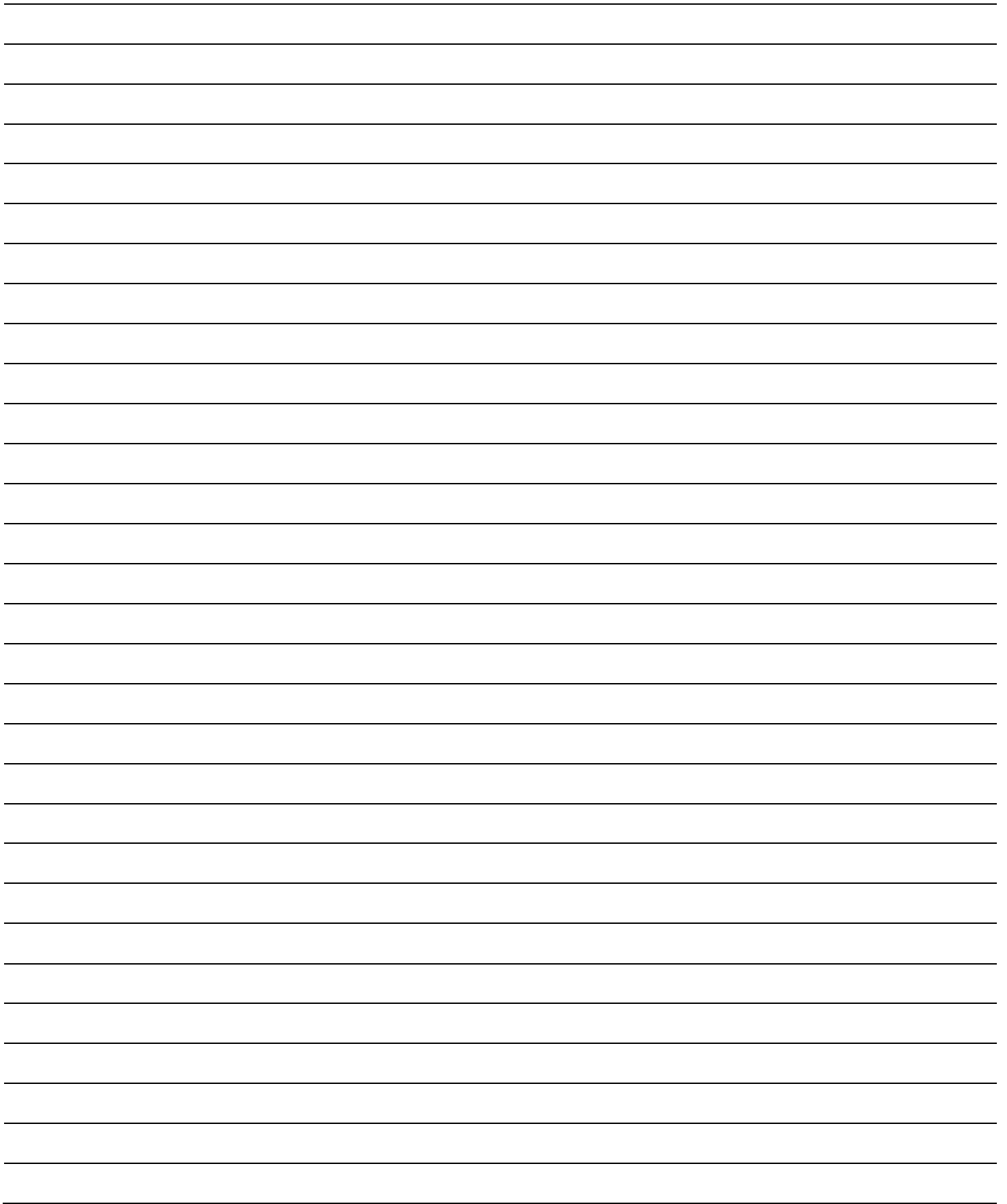
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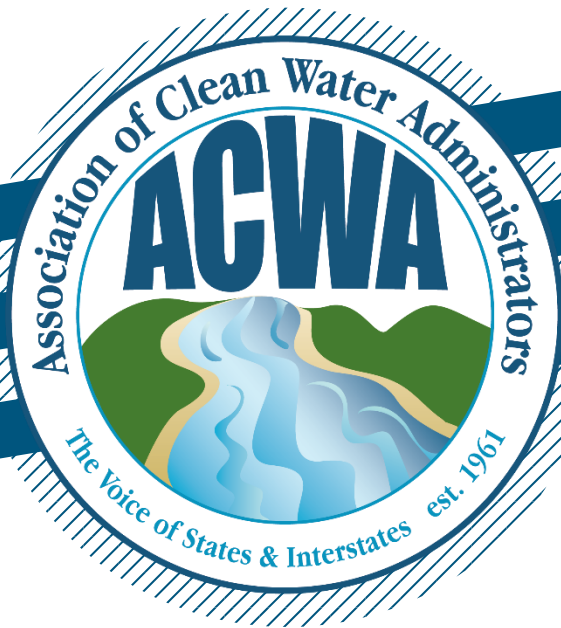
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