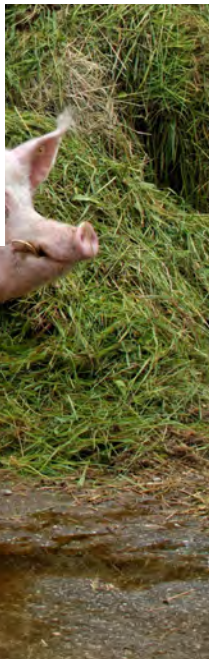




ASSOCIATION OF CLEAN WATER
ADMINISTRATORS

2018 NATIONAL CAFO ROUNDTABLE

BOISE, ID
SEPTEMBER 25-27



Association of Clean Water Administrators **2018 National CAFO Roundtable**

**The Riverside Hotel
September 25 - 27, 2018
Boise, Idaho**

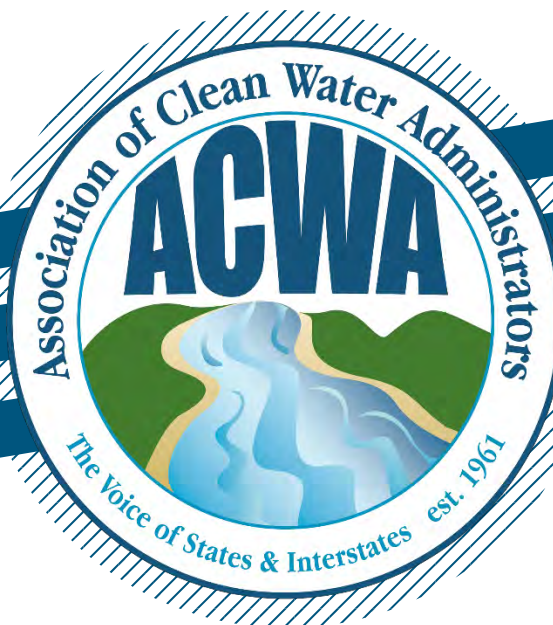
PURPOSE

The 2018 National CAFO Roundtable supports the implementation of animal agriculture programs nationwide by sharing new technologies/best management practices, showcasing innovative state programs and initiatives, highlighting modern 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 CAFO Roundtable is the biannual meeting of state AFO/CAFO regulators and EPA regional and headquarters representatives. Attendees include:

- State managers, permit writers, inspectors, and compliance staff involved in regulating AFOs/CAFOs
- EPA Headquarter and Regional staff involved in AFO/CAFO regulation
- Partnering state/federal agency staff that provide technical/regulatory assistance to AFOs/CAFOs
- Invited guests



SPECIAL THANKS TO THE PLANNING COMMITTEE, USEPA, and the STATE OF IDAHO

Planning Committee Members: Joel Blanco-Gonzalez (EPA), Ross Brennan (EPA), William Cooper (EPA), Gary Kelman (MD), Wym Matthews (OR), Jennifer Molloy (EPA), Mary Anne Nelson (ID), Jay Olsen (UT), Nick Peak (EPA), Brittany Smith (EPA), Chery Sullivan (WA), Kent Woodmansey (SD), and Bruce Yurdin (NM).

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

7:00 AM

BREAKFAST ON YOUR OWN

7:30 AM

REGISTRATION & SIGN-IN

8:00-8:30 AM

North Star Room

WELCOME & OPENING REMARKS

Welcome to the 2018 National CAFO Roundtable. This is ACWA's 15th year supporting this meeting and the 29th year this meeting has been held.

Association of Clean Water Administrators

Deputy Director, Sean Rolland

Idaho Department of Environmental Quality

Mary Anne Nelson

Idaho State Department of Agriculture

Dr. Scott Leibsle

8:30-9:15 AM

HISTORY OF ANIMAL AGRICULTURE IN IDAHO

Agriculture in Idaho is an important part of the state's way of life and represents a substantial portion of the state's economy. In 2015, agricultural products were valued at \$7,463,718,000, with slightly over half of that from the sale of livestock and dairy products. Cattle is the second largest agriculture sector of the state and Idaho is the third largest producer of milk and cheese in the United States. Idaho has nearly 25,000 farms and ranches spread over 11.8 million acres of land that produces more than 185 different commodities.

Idaho State Department of Agriculture

Mitch Vermeer

Idaho Department of Environmental Quality

Mary Anne Nelson

United States Environmental Protection Agency - Region 10

Nick Peak

9:15-10:00 AM

REISSUING NPDES PERMITS: PLANNING, COLLABORATION, AND ASSESSMENT

EPA Region 3 will provide an overview of some of the considerations a permitting authority should be thinking about when issuing or reissuing an NPDES CAFO Permit.

United States Environmental Protection Agency - Region 3

Joel Blanco-Gonzalez



WEDNESDAY, SEPTEMBER 26

10:00-10:15 AM

BREAK

10:15-11:15 AM

QUANTITATIVE REAL-TIME PCR FECAL SOURCE IDENTIFICATION IN THE TILLAMOOK BAY WATERSHED

Rivers in the Tillamook Watershed play a vital role in supporting a thriving dairy, shellfish, and recreational industry, as well as providing a safe water resource for local human and wildlife populations. At times, fecal pollution in these waters are too high to allow for safe use. In partnership with EPA Region 10, Oregon Department of Environmental Quality, Oregon Department of Agriculture, and the Tillamook Estuaries Program, we report on the implementation of quantitative genetic methods for human, ruminant, cattle, canine, and avian fecal pollution characterization combined with high-resolution land use data and general indicator bacteria measurements to elucidate water quality spatial and temporal trends.

United States Environmental Protection Agency - ORD

Dr. Orin Shanks

11:15 AM-12:00 PM

COMMON OWNERSHIP: HOW TO ADDRESS IN THE CAFO WORLD?

The federal CAFO Rule uses common ownership to determine its applicability, the extent of the CAFO and land under the control of the CAFO. What does common ownership mean and why is it more complicated in the CAFO world?

Maryland Department of Environment

Gary Kelman

12:00-1:30 PM

LUNCH ON YOUR OWN

1:30-2:45 PM

NUTRIENT MANAGEMENT PLANS: HOW CAN WE MAKE THEM SIMPLER AND EASIER TO IMPLEMENT?

When writing and implementing Nutrient Management Plans for large farm operations, it is very difficult to ensure each field is being properly managed for crop need while meeting standards for surface and groundwater protection. The state of Wisconsin has created multiple tools that make this task much simpler. The tools that will be discussed focus on simplifying fertilizer management, manure and process wastewater management, reporting processes for permit compliance, and field specific mapping for nutrient application.

Wisconsin Department of Natural Resources

Aaron O'Rourke



WEDNESDAY, SEPTEMBER 26

Nutrient management plans are a vital part of the protection of natural resources and agricultural productivity, but they can also be overwhelming to produce and challenging to implement by landowners. Additionally, the number of overlapping plans a producer may be required to have can be cumbersome, contradictory, and confusing. This presentation will provide an example of the planning paradigm within Washington State and discuss the barriers and solutions to more effective and efficient nutrient management planning.

Whatcom Conservation District

Dr. Nichole Embertson

2:45-3:00 PM

BREAK

3:00-4:00 PM

A TWO PERMIT SYSTEM - PROS AND CONS: WHAT APPROACHES ARE STATES TAKING?

These presentations will focus on the history that lead to two permits being implemented, the differences between the permits, obstacles crossed to implement the permits, and the advantages and disadvantages of each.

Oregon Department of Agriculture

Wym Matthews

South Dakota Dept of Environment and Natural Resources

Neal Konda

4:00-5:15 PM

ANIMAL AGRICULTURE POLICY - HOT TOPICS ROUNDTABLE

1. How to encourage farmers to do the right thing?
2. Smaller AFOs – What are your biggest challenges?
3. TMDLs: How are other states handling waste load allocations from CAFOs in watersheds with TMDLs?
4. Other recent animal agriculture industry trends across the country.
5. Is your agency currently dealing with any animal agriculture administrative challenges or litigation that you can talk about?

5:15 PM

MEETING ADJOURN



THURSDAY, SEPTEMBER 27

This meeting is only open to States

7:00 AM

BREAKFAST ON YOUR OWN

7:30 AM

REGISTRATION AND SIGN IN

8:00-9:00 AM

North Star Room

NATIONAL ANIMAL AGRICULTURE PROGRAM UPDATES

U.S. Environmental Protection Agency

Martha Shimkin

U.S. Environmental Protection Agency

Ross Brennan

U.S. Department of Agriculture

Sandy Means

9:00-10:00 AM

REGION SPECIFIC CHALLENGES: TWO CASE STUDIES

On September 11, 2013, the Iowa Department of Natural Resources (IDNR) and the United States Environmental Protection Agency (USEPA) agreed to terms on a five-year Work Plan, ending in 2018. The purpose of the Work Plan is to address deficiencies in Iowa's CAFO program. These deficiencies were identified after review of the IDNR CAFO program by USEPA in response to a petition for de-delegation by environmental groups who alleged that IDNR's CAFO NPDES program did not meet the requirements of the Clean Water Act. The results of the Work Plan are summarized.

Iowa Department of Natural Resources

Kenneth Hessenius

Virginia State Water Control Law requires that the duty to apply for an NPDES CAFO permit cannot be broader than the federal requirements, thus a farm must have an actual discharge in order to require NPDES permit coverage. This presentation will describe the challenges with implementing NPDES permit language that both complies with the federal rule for no discharges of process wastewater while simultaneously acknowledging the discharge conditions that caused the permit to be required.

Virginia Department of Environmental Quality

Neil Zahradka

10:00-10:15 AM

BREAK



10:15-11:15 AM

COMPLIANCE INSPECTIONS: EVALUATING NMP LAND APPLICATION REQUIREMENTS

In Washington they say, “No two dairy farms are the same.” This presentation details Washington’s dairy inspection process and areas of focus where inspectors provide technical assistance to help farms prevent pollution of surface and groundwater – both at large and small scales.

Washington Department of Agriculture

Kyrre Flege

This presentation will cover the Wisconsin DNR’s efforts to assess CAFO land application practices in the field. Specifically, how staff schedule and conduct inspections, reporting, and compliance follow ups.

Wisconsin Department of Natural Resources

Ben Uvaas

11:15-12:00 PM

NPDES EREPORTING RULE & ELECTRONIC TOOLS

EPA will provide an update on the NPDES eReporting Rule activities that affect the CAFO universe and provide an overview of work that was done to help farmers more efficiently report information to federal and state agencies.

United States Environmental Protection Agency - OECA

Carey Johnston

United States Environmental Protection Agency - Region 10

Nick Peak

12:00 PM

PROGRAM WRAP UP

Association of Clean Water Administrators

Deputy Director, Sean Rolland

