



**ENVIRONMENTAL LAW INSTITUTE®**

AN INDEPENDENT, NON-PARTISAN ENVIRONMENTAL EDUCATION AND POLICY RESEARCH CENTER.

# **2018 NATIONAL TRAINING WORKSHOP FOR CWA 303(d) LISTING & TMDL STAFF**

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**SUCCESS IN THE SECOND HALF OF VISION IMPLEMENTATION**

National Conservation Training Center  
Shepherdstown, West Virginia  
*May 30 - June 1, 2018*

## **TRAINING WORKSHOP AGENDA**

**This project made possible through a cooperative agreement with the  
United States Environmental Protection Agency**

## PURPOSE OF THE TRAINING WORKSHOP

*To provide an opportunity for staff from state and territorial Clean Water Act Section 303(d) Listing and TMDL programs and tribal water quality programs to discuss obstacles and learn proven and emerging approaches to achieving their goals for 2022.*

## WORKSHOP OBJECTIVES

- Learn **strategies for addressing the unique challenges of nutrients** in CWA 303(d) Program implementation.
- Learn about state, tribal, and territorial **practices employed to improve collaboration** among programs and across jurisdictions to restore and protect water quality.
- Learn about the **improvements to tools and data systems** for decision-making and water quality data reporting.
- Learn about the innovative ways in which states and the EPA are **communicating water quality information** to stakeholders and the public.
- Enhance the **network of listing and TMDL professionals** by expanding and improving communication among the states, tribes, and territories and with EPA regions and headquarters.

## OUTPUT

A final report summarizing presentations and discussions from the training workshop. The report will include a summary of individual input from workshop participants and may serve as a reference for program personnel implementing their responsibilities consistent with the Vision.

## AGENDA

**Tuesday, May 29**

***Arrival, Check-In, and Registration***

2:00 pm – 8:00 pm      NCTC Check-In and Training Workshop Registration  
Main Lodge

5:30 pm – 7:30 pm      Dinner  
Commons Dining Room

8:00 pm – 9:00 pm      Informal Welcome  
Murie Lodge, Lounge Area

**Wednesday, May 30**

***Training Workshop Day 1***

6:30 am – 8:30 am      Breakfast  
Commons Dining Room

8:30 am – 9:45 am      **Welcome, Introductions, and Training Workshop Overview**  
Auditorium

Greeting

*Adam Schempp, ELI*

Opening Remarks

*John Goodin, EPA HQ*

Introduction

*Jim Havard, EPA HQ*

9:45 am – 10:15 am      **Session #1**  
**Nutrients Overview**  
Auditorium

Introduction

*Adam Schempp, ELI*

The National Perspective on Nutrients

*Tom Wall, EPA HQ*

Session #1 Outcomes:

- *Participants will better understand the overall objective of the day's sessions.*
- *Participants will be more familiar with the details of the nutrients problem at a national level.*

10:15 am – 10:45 am Morning Break

10:45 am – 12:30 pm **Session #2**  
**Nutrients Breakouts**  
Breakout Rooms, Various Locations

This session will consist of six breakout groups, with each group addressing a different common programmatic problem related to nutrients. Each group will be led by a moderator and have an assigned reporter. Each participant is assigned to a group based on his/her topic preference expressed prior to the training workshop.

12:30 pm – 1:30 pm Lunch  
Commons Dining Room

1:30 pm – 2:30 pm **Session #3**  
**Report Back and Discussion**  
Auditorium

**How can waters best be assessed for nutrient impacts using narrative criteria?**

*Kim Cenno, NJ*

**How can the role of nutrients best be captured in biological impairments?**

*Alan Wittmuss, SD*

**How can nutrient TMDLs best be developed as a translation of a narrative standard, generally?**

*Dave Werbach, EPA R5*

**What is the best way to develop nutrient TMDLs for algae-related impairments in lakes?**

*Trish Rielly, MO*

**How do you best allocate nutrient load with mixed sources?**

*Randee Tubal, HI*

**What steps are helpful to take in developing “alternatives” for nutrient impairments?**

*Chris Hunter, EPA HQ*

Facilitated Discussion

Sessions #2 and #3 Outcomes:

- *Participants will be more familiar with the strategies that others have used to address certain nutrient-related programmatic challenges, what has worked and not worked, and why.*
- *Participants will have developed new strategies for addressing these programmatic challenges.*

2:30 pm – 3:00 pm

Afternoon Break

3:00 pm – 4:00 pm

**Session #4**  
**Supporting Nonpoint Source Implementation**  
Auditorium

**Panelists**

*Chris Janssen, KS*  
*Trish Rielly, MO*  
*Carl Adams, UT*  
*Benjamin Rau, WA*  
*Kevin Kirsch, WI*  
*Cyd Curtis, EPA HQ*

Facilitated Discussion

Session #4 Outcomes:

- *Participants will be more familiar with various ways in which the CWA 303(d) Program effectively supports the restoration efforts of the Nonpoint Source Program.*
- *Participants will have gained tips for working with the Nonpoint Source Program.*

Potential Discussion Questions:

- How has the CWA 303(d) Program helped Nonpoint Source Program efforts to address nutrient-related problems?
- How else could the CWA 303(d) Program help those efforts?
- What have been key elements of a good working relationship between the CWA 303(d) and Nonpoint Source Programs?

4:00 pm – 5:00 pm

**Session #5**  
**Supporting Permitting**  
Auditorium

**Interfacing Nutrient TMDLs with NPDES or**  
**“After 6 Years of the Vision, How the Hell Did We Miss This?”**

*Tom Stiles, KS*

**Commonwealth of Virginia’s Chesapeake Bay Watershed General Permit**

*Allan Brockenbrough, VA*

**TMDLs Supporting Permitting and Alternative Compliance Strategies**

*Kevin Kirsch, WI*

Facilitated Discussion

Session #5 Outcomes:

- *Participants will better understand the characteristics of TMDLs that can aid permitting program staff in drafting permits.*
- *Participants will be more familiar with innovations and needs in permitting and how TMDLs have supported them.*

Potential Discussion Questions:

- What actions in TMDL development have helped permit writers implement nutrient reduction by point sources?
- How has coordination between permitting and CWA 303(d) staffs improved, and what steps can enhance that relationship?
- Have tools, procedures, or documents aided coordination between the two staffs?

6:00 pm – 7:00 pm      Dinner  
Commons Dining Room

7:00 pm – 10:00 pm      Bonfire

**Thursday, May 31**

***Training Workshop Day 2***

6:30 am – 8:30 am      Breakfast  
Commons Dining Room

8:30 am – 9:30 am      **Session #6a**  
**Small Group Training I**  
Breakout Rooms, Various Locations

This session will consist of five distinct trainings, each focusing on a different topic. Each participant is assigned to a training based on his/her topic preference expressed prior to the training workshop.

- ATTAINS User Interface I: Data Entry and Batch Upload [1<sup>st</sup> half]
- Water Quality Portal Data Discovery and Data Analysis Tools
- Alternatives
- The IR Transition
- Citizen Science

9:30 am – 10:00 am      Morning Break

10:00 am – 11:00 am

**Session #6b**  
**Small Group Training II**  
Breakout Rooms, Various Locations

This session will consist of five distinct trainings, each focusing on a different topic. Each participant is assigned to a training based on his/her topic preference expressed prior to the training workshop.

- ATTAINS User Interface I: Data Entry and Batch Upload [2<sup>nd</sup> half]
- Managing Large Datasets with R
- Monitoring
- Litigation Update
- Modeling

11:15 am – 12:15 pm

**Session #6c**  
**Small Group Training III**  
Breakout Rooms, Various Locations

This session will consist of six distinct trainings, each focusing on a different topic. Each participant is assigned to a training based on his/her topic preference expressed prior to the training workshop.

- ATTAINS User Interface II: The IR Cycle Promotion and EPA Review
- ATTAINS for Managers
- Open Forum: Bacteria
- Stressor Identification
- Protection
- CWA 303(d) TAS

Session #6 Outcome:

- *Participants will better understand issues, procedures, and tools that are of particular importance to the successful implementation of their respective programs, and to achieving their goals for 2022.*

12:15 pm – 1:15 pm

Lunch  
Commons Dining Room

1:15 pm – 3:00 pm

**Session #7**  
**Regional Meetings and Additional Trainings**  
Breakout Rooms, Various Locations

This session will consist of 6 regional meetings, one for each of EPA Regions 3, 4, 5, 6, 9, and 10, each with the state, tribal, territorial, and EPA participants from that region. Participants from EPA Regions 1, 2, 7, and 8 will participate in one of the following trainings based on their respective preferences expressed prior to the training workshop:

- A Combination of the ATTAINS I, ATTAINS II, and ATTAINS for Managers Trainings (Demo Only)
- Monitoring & Modeling (consecutively)

Session #7 Outcomes:

- *Participants will be more familiar with the needs, challenges, and views of others in their respective regions.*
- *Participants will have resolved, or at least advanced conversation on, issues important to the states, tribes, and territories of the region.*
- *Participants will better understand issues, procedures, and tools that are of particular importance to the successful implementation of their respective programs, and to achieving their goals for 2022.*

3:00 pm – 3:30 pm

Afternoon Break

3:30 pm – 5:00 pm

Afternoon Activities

6:00 pm – 7:00 pm

Dinner  
Commons Dining Room

7:30 pm – 8:30 pm

**Informal Evening Sessions**

- *Navigating Measures in Today's EPA*  
Ding Darling Lodge, Lounge Area
- *Identifying Training and Resource Needs*  
Murie Lodge, Lounge Area

**Friday, June 1**

***Training Workshop Day 3***

6:30 am – 8:30 am

Breakfast  
Commons Dining Room

8:30 am – 10:00 am

**Session #8**  
**Communication**  
Auditorium

**Introduction**

*Stephanie Santell, EPA HQ*

**Citizen Science and Technology: There's An App For That!**

*Jade Dickens, AZ*



**Story Map: Looking Below the Surface &  
Draft 2018 Pennsylvania Integrated Water Quality Monitoring  
and Assessment Report**

*Dustin Shull, PA*

**Communicating with the Public via BAGs and WAGs**

*Amy Steimke & Graham Freeman, ID*

Facilitated Discussion

Session #8 Outcomes:

- *Participants will be more familiar with the diverse ways that other states, tribes, and territories have sought to improve communication with stakeholders and the public.*
- *Participants will better understand the outcomes of different communication methods in different contexts.*

Potential Discussion Questions:

- In what ways has your jurisdiction sought to facilitate two-way communication with stakeholders (receiving as well as providing information) through digital means, and with what results?
- In what ways has your jurisdiction sought to improve the effectiveness of documents (digital or physical copies) in conveying information, and with what results?
- What in-person communications, from presentations, to standing meetings, to water fairs or a booth at an event, have been effective in reaching desired audiences?

10:00 am – 10:30 am

Morning Break

10:30 am – 11:30 am

**Session #9**

**How's My Waterway?**

Auditorium

**Telling the Water Story**

*Dwane Young, EPA HQ*

Session #9 Outcomes:

- *Participants will be more familiar with the structure and functionality of the How's My Waterway app.*
- *Participants will better understand the sources of the app's information and flexibility available for the state-specific pages.*
- *Participants will be able to contextualize the role of the app in the larger scheme of program communication.*

11:30 am – 12:00 pm     **Training Workshop Wrap-Up**  
Auditorium

**Summary and Next Steps**

*Dwane Young, EPA HQ*  
*Jim Havard, EPA HQ*  
*Adam Schempp, ELI*

**Send-Off Remarks**

*Traci Iott, CT*

12:00 pm – 12:45 pm     Lunch  
Commons Dining Room

***NCTC Check-Out & Departure***

1:00 pm                     Departure of Shuttle Bus for Dulles Airport  
Murie Lodge, Parking Lot