2017 NATIONAL TRAINING WORKSHOP FOR CWA 303(d) LISTING & TMDL STAFF

MAKING THE IMPOSSIBLE POSSIBLE

National Conservation Training Center
Shepherdstown, West Virginia
May 31 - June 2, 2017

TRAINING WORKSHOP AGENDA

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 learn about and discuss new opportunities and practical approaches to address difficult water quality and program challenges.

WORKSHOP OBJECTIVES

- Learn about strategies and practices employed by states, tribes, and territories to make progress in common but challenging circumstances.
- Learn about the improvements to tools and data systems for decision-making and water quality data reporting.
- Learn diverse approaches to establish and sustain relationships with various stakeholder groups.
- Learn about and discuss the new CWA 303(d) TAS rule.
- 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.
Tuesday, May 30

Arrival, Check-In, and Registration

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

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

8:00 pm – 9:00 pm  Informal Welcome
                  Ding Darling Lodge, Lounge Area
Wednesday, May 31

Training Workshop Day 1

6:30 am – 8:15 am  Breakfast
Commons Dining Room

8:30 am – 9:00 am  Welcome
Auditorium

Greeting  
Adam Schempp, ELI

Opening Remarks  
John Goodin, EPA HQ
Alex Dunn, ECOS

9:00 am – 10:00 am  Session #1
Water Quality Framework
Auditorium

Overview of the Water Quality Framework and Demonstration of the ATTAINS Tool  
Dwane Young, EPA HQ

Session #1 Outcomes:

- Participants will better understand the changes that have been made to the Water Quality Framework, and the next phase of implementation under this effort.
- Participants will be familiar with how the Integrated Reporting process and performance measures will work in the new ATTAINS.
- Participants will know what developments in water quality data management tools are on the horizon.

10:00 am – 10:20 am  Morning Break

10:30 am – 11:00 am  Introductions and Training Workshop Overview
Auditorium

Opening Remarks  
Jim Havard, EPA HQ

Overview of the Agenda  
Adam Schempp, ELI
11:00 am – 12:00 pm  
Session #2  
The CWA 303(d) TAS Rule  
Auditorium  

Clean Water Act (CWA) Section 303(d) Treatment in a Similar Manner as States (TAS) Rule: Increasing Opportunities for Tribes in Water Quality Restoration and Protection  
*Ruth Chemerys, EPA HQ*  

Treatment as a State for §303(d) Authority  
*Nancy Schuldt, Fond du Lac*  
State and Tribal Cooperative Work at Red Lake Reservation, MN  
*Shane Bowe, Red Lake Nation*  
*James Courneya, MN*  

Facilitated Discussion  

**Session #2 Outcomes:**  
- Participants will better understand the CWA 303(d) TAS rule and how it may be implemented.  
- Participants will know more about how other states and tribes already are collaborating on water quality assessment, planning, and plan implementation.  

Potential Discussion Questions:  
- In what ways are states and tribes working well together on common water resources, and how can collaboration be improved?  
- What are the opportunities and obstacles for state-tribal data sharing?  

12:00 pm – 12:30 pm  
Session #3a  
Introduction to the Particularly Difficult Challenges  
Auditorium  

Nutrients (Technical)  
*Trevor Flynn, KS*  

Nutrients (Implementation)  
*Helen Bresler, WA*  

Mercury and PCBs  
*David Croxton, EPA R10*  

Chlorides  
*Kimberly Groff, MA*  

Bacteria  
*Amy Feingold, R4*  

Pollution from Active and Legacy Mining  
*Jason Gildea, EPA R8*  

Training Workshop Agenda  
Page 5 of 11
12:30 pm – 1:15 pm  Lunch
Commons Dining Room

1:30 pm – 3:00 pm  **Session #3b**
**Implementation Strategies for Addressing Particularly Difficult Challenges**
Breakout Rooms, Various Locations

This session will consist of six breakout groups, with each group being assigned a different one of the selected water quality challenges. A pair of moderators will lead each breakout group through a discussion of the challenge, from the specifics of the obstacles, to strategies for overcoming them, to the results of past and present efforts, and how EPA might be able to assist moving forward. Each participant is assigned to a group based on his/her topic preference expressed prior to the training workshop.

3:00 pm – 3:20 pm  Afternoon Break

3:30 pm – 4:30 pm  **Session #3c**
**Report Back and Discussion**
Auditorium

**Nutrients (Technical)**  
*Taimur Shaikh, EPA R6*

**Nutrients (Implementation)**  
*Selena Medrano, EPA R6*

**Mercury and PCBs**  
*Traci Iott, CT*

**Chlorides**  
*Dave Werbach, EPA R5*

**Bacteria**  
*Alan Wittmuss, SD*

**Pollution from Active and Legacy Mining**  
*Jason Sutter, AZ*

Facilitated Discussion

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<tr>
<th>Session #3 Outcomes:</th>
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<tr>
<td>• <strong>Participants will be more familiar with the strategies that others have used to address certain water quality problems, what has worked and not worked, and why.</strong></td>
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<td>• <strong>Participants will have developed new strategies for addressing these water quality problems.</strong></td>
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<td>• <strong>Participants will have fresh ideas for addressing their own water quality challenges, and resource contacts for more information.</strong></td>
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Training Workshop Agenda  
Page 6 of 11
4:30 pm – 5:30 pm  
**Session #4**  
**Innovations in TMDL Development**  
Auditorium

**Hydrology Calibration with PRISM**  
*Mindy Ramsey, WV*

**TMDL Prioritization, Public Process, and Streamlining**  
*Erin Rasnake, FL*

**TMDL Calculators Facilitate Allocation**  
*Wade Cantrell, SC*

Facilitated Discussion

**Session #4 Outcome:**
- *Participants will know about more tools and approaches that others are using to develop TMDLs with better information, with more buy-in, and that are more implementation-ready.*

Potential Discussion Questions:
- What new models or stressor identification tools have you found helpful in developing TMDLs?
- In what ways have you been integrating other programs or agencies into TMDL development?
- What tools or procedures have you been using to improve stakeholder engagement in TMDL development?

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

8:00 pm – 10:00 pm  
**Bonfire**
Thursday, June 1

6:30 am – 8:15 am  Breakfast
Commons Dining Room

8:30 am – 10:00 am  **Session #5a**
*Stakeholder Engagement*
Auditorium

This session will bring together individuals who have worked on water quality issues from a variety of perspectives and with a wide range of partners to share their individual experiences and lessons learned, through brief introductions, a question and answer period, and facilitated discussion. The subsequent breakout sessions will allow participants more in-depth facilitated conversations with several members of this panel.

10:00 am – 10:20 am  Morning Break

10:30 am – 11:15 am  **Session #5b**
*Engagement Breakout Session I*
Breakout Rooms, Various Locations

Each breakout group, led by a moderator and with the participation of one or more of the stakeholder participants, will discuss communication and collaboration with an identified category of stakeholder. Each participant is assigned to a group based on his/her preference expressed prior to the training workshop.

11:30 am – 12:15 pm  **Session #5c**
*Engagement Breakout Session II*
Breakout Rooms, Various Locations

Participants will change rooms, as assigned, to discuss communication and collaboration with a different category of stakeholder with another moderator and one or more stakeholder participants.

**Session #5 Outcomes:**
- *Participants will be more familiar with the diversity of interests, needs, and potential contributions of CWA 303(d) Program stakeholders.*
- *Participants will have gained practical lessons about engagement from the stakeholder participants and from their state, territorial, and tribal counterparts.*
12:15 pm – 1:00 pm  Lunch  
Commons Dining Room

1:15 pm – 3:00 pm  **Session #6**  
**Breakouts by Region**  
Breakout Rooms, Various Locations

This session will consist of ten breakout groups, one for each region, each with state, tribal, territorial, and EPA participants from that region and from EPA headquarters.

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<th>Session #6 Outcomes:</th>
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<td>• Participants will better understand the needs, challenges, and views of others in their respective regions.</td>
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<td>• Participants will have resolved, or at least advanced conversation on, issues important to the states, tribes, and territories of the region.</td>
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3:00 pm – 3:20 pm  Afternoon Break

3:30 pm – 5:30 pm  **Optional Small Group Trainings**  
(variable durations)

- Recovery Potential Screening tool (with Preliminary Healthy Watersheds Assessment data)  
  154 Instructional West

- USGS Water Balance Model Futures database and web portal  
  109 Instructional East

- Retrieval and analysis R tools off the Water Quality Portal  
  G24 Instructional East & G30 Instructional East

- Causal Assessment, Stressor Identification, and CADDIS  
  Auditorium

5:30 pm – 7:00 pm  Dinner  
Commons Dining Room

7:30 pm – 8:30 pm  **Informal Evening Sessions**

- Building and Supporting a Network of Modelers  
  Ding Darling Lodge, Lounge Area

- Telling the Water Story: Feedback Session on the New Public Website  
  Rachel Carson Lodge, Lounge Area
Friday, June 2

6:30 am – 8:15 am  Breakfast  
Commons Dining Room

8:30 am – 10:00 am  Session #7  
Urban Waters  
Auditorium

Using CADDIS for Causal Assessment in Urban Streams  
*Kate Schofield, EPA HQ*

Communicating the Challenges of Urban Streams through Better Biological Assessments  
*Will Isenberg, VA*

Moving Beyond Assessments to Successful Implementation: Tools for Use with Urban Waters  
*Traci Iott, CT*

Leveraging Policy & Public Funds to Restore Waters in the District of Columbia  
*Jeff Seltzer, DC*

The Urban Waters Program at U.S. EPA  
*Roy Simon, EPA HQ*

Facilitated Discussion

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<th>Session #7 Outcomes:</th>
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<td>- Participants will better understand the range of challenges regarding urban stream impairments as well as strategies for addressing them.</td>
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<td>- Participants will know additional means of communicating impairments, goals, and progress in the urban stream context.</td>
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Potential Discussion Questions:

- How have you balanced communicating the challenges of urban streams while still maintaining stakeholder confidence?
- What other obstacles have you found to water quality restoration in urban streams?
- With what could you use help in this context?
- In what instances have you seen progress being made from implementation efforts?

10:00 am – 10:20 am  Morning Break
10:30 am – 11:30 am  
**Session #8**  
**Nonpoint Source Integration**  
Auditorium  

**National Level Activities**  
Cyd Curtis, EPA HQ  
Jim Havard, EPA HQ  

The Bad Axe Creek TMDL/WMP Hybrid  
Molly Rippke, MI  

Update: Nebraska's 5-Alt  
Laura Johnson, NE  

Prairie Dog Creek Watershed Plan to TMDL  
Sol Brich, WY  

**Session #8 Outcomes:**  
- Participants will know more about collaboration opportunities in the course of nonpoint source priority setting.  
- Participants will be familiar with more examples of integrating TMDLs and nine-element watershed plans.

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

**Summary and Next Steps**  
Jim Havard, EPA HQ  
Adam Schempp, ELI  

**Send-Off Remarks**  
Jeff Berckes, IA  

12:00 pm  
Lunch  
Commons Dining Room