

2018 National Nonpoint Source Training Workshop

Colorado Springs, CO

Reminder that November 6th is Election Day. Be sure to make prior arrangements.

Monday, November 5, 2018 - Preconference

8AM-5PM Registration Open

8:30 AM Preconference Workshop, Learning Center

Clean Water Act 319 Grants - Basic Training

This session is intended for states, territories, and tribes that are new to Nonpoint Source Management and as a refresher on rules and resources to navigate technical and legal aspects of planning for, applying for, and administering grants awarded under Section 319 of the CWA. Only electronic versions of training materials will be provided to registrants before the workshop for you to print and bring as you wish.

Part I: Background and Introduction to NPS Management

Part II: Basic Mechanics of NPS Grants - process from application to closeout

Part III: Results and Outreach - GRTS/OBI, Success Stories, and more

Cyd Curtis and Adam Jorge, United States Environmental Protection Agency Headquarters

12:00 PM Lunch (on your own)

Monday, November 5, 2018 - Day 1

1:00 PM Welcoming and Opening Remarks, Heritage Room ABC

Welcome

James Plummer, NPS Coordinator, New England Interstate Water Pollution Control Commission

Susan J. Sullivan, Executive Director, New England Interstate Water Pollution Control Commission

Local Perspective

Judy Bloom, Manager, Watershed Planning and Restoration Unit USEPA Region 8

Perspectives from EPA's Office of Wetlands, Oceans and Watersheds

John Goodin, Director, USEPA's Office of Wetlands, Oceans and Watersheds

National Nonpoint Source Program Update

Lynda Hall, Chief, USEPA's NPS Management Branch

Healthy Watershed Consortium Grants: Keeping watersheds healthy through accelerated protection

Peter Stangel, Chief Operating Officer, US Endowment for Forestry & Communities

Workshop Facilitator: Barry Tanning, Tetra Tech

3:00 PM Break

3:30 PM Breakout Session 1: Heritage Room ABC

State NPS Management Plans

Moderator: Emily Bird, Vermont DEC

This session is designed to educate state NPS program managers about tools to effectively update their NPS management plan.

Refreshing State NPS Program Plans:

What's Worked? What's Next?

Cyd Curtis, USEPA HQ

New Mexico's Nonpoint Source Management Program Plan Revision

Abraham Franklin, New Mexico Environment Department

Building Blocks to a Better Nonpoint Source Program in the First State

Marcia Fox and Tyler Monteith, Delaware Department of Natural Resources and Environmental Control

Tribal Networking, Fremont Room

This session is intended to kick off the workshop with an opportunity for tribal attendees to learn from one another, ask questions, and brainstorm with colleagues and other tribal NPS program managers.

5:00 PM Day 1 - Closing Announcements & Adjourn

6:30 PM Dine-Around

Tuesday, November 6, 2018 - Day 2

8AM-5PM Registration Open

8:30 AM General Session 1, Heritage Room ABC

Groundwater and Sourcewater Protection

Moderator: Chris Cudia, New Mexico Environment Department

Session explores NPS programs that protect groundwater and sourcewater.

Building Bridges between Water Programs for the Truckee River:

Leveraging CWA, SDWA and Regional Efforts for Water Quality Planning

Birgit Widegren and Kimberly Rigdon, Nevada Division of Environmental Protection

NPS Pollution Affecting Groundwater - The Bazile Groundwater Management Area Plan

Carla McCullough, Nebraska Department of Environmental Quality

Protect the Source: a look at how Public Water Supplies can ensure safe drinking water for years to come

Travis Sieve, Kansas Department of Health and Environment

10:00 AM Break

10:30 AM General Session 2, Heritage Room ABC

Innovative Collaboration and Partnerships

Moderator: Shanon Phillips, Oklahoma Conservation Commission

Session shares insights from multiagency partnerships between state agencies, universities, and community stakeholders to restore watersheds and coordinate project implementation.

Oklahoma's National Water Quality Initiative Pilot Project:

Assessment and Outreach Planning the Little Beaver Creek Watershed

Greg Kloxin, Oklahoma Conservation Commission

Practical Applications of Conservation Social Science in the Adoption of Best Management Practices Lessons

Learned and Processes Looking Forward

Lisa Holscher, Conservation Cropping Systems Initiative of Indiana

12:00 PM Lunch (on your own)

1:30 PM Breakout Session 2, Heritage Room ABC

Urban and Suburban NPS Issues

Moderator: Barry Toning, Tetra Tech

Session shares findings from noteworthy green infrastructure, low impact development, and restoration programs and projects.

Soil Phosphorus in (Sub)urban Kentucky: Lawn and

Gardening Our Way to Hell in a Vegetable Basket

Brad Lee, University of Kentucky

To restore or not to restore, that is the McQuesten...

Michele L. Tremblay, New Hampshire Rivers Council, and Stephen Landry, NH Department of Environmental Services

Integrating Green Infrastructure into Nonpoint Source Management in Georgia

Christine McKay, USEPA R4, and Veronica Craw, Georgia Department of Natural Resources

3:00 PM Break

Tribal Session, Learning Center

Moderator: Steve Epting, USEPA HQ

Sustainable Solutions for NPS Problems in Indian Country

Peggy Obear,
Prairie Island Indian Community

Q&A

15-Minute Break

Tribal Nonpoint Source Program Management: Accomplishments and Lessons
Chauncey Means, Confederated Salish and Kootenai Tribes

Q&A

3:30 PM	Breakout Session 3, Heritage Room ABC	
	<p>TMDL and 319 Program Integration Moderator: Emily Bird, Vermont DEC <i>Session shares tools and approaches to coordinate TMDL and NPS implementation, identifies areas of success, and opportunities for increased coordination in watersheds.</i></p> <p>Protocols for Crediting Sediment and Nutrient Load Reductions from Stream Restoration Bill Stack, Center for Watershed Protection</p> <p>Tools for Tracking TMDL Implementation Progress and BMP Installation in Virginia Ashley Wendt, Kelly Meadows, and Nicole Sandberg, Virginia Department of Environmental Quality</p> <p>Implementing Sediment TMDLs in Montana through Restoration of Natural Riparian and Stream Functions Dean Yashan and Eric Trum, Montana Department of Environmental Quality</p>	<p>Guided Discussion on Project Implementation & Highlighting Successes</p> <hr/> <p style="text-align: center;">15-Minute Break</p> <p>Utilizing Existing Program Documents, Information from Outside Agencies, and Data Analysis Techniques to Develop a Tribal Non-Point Source Assessment Report Tim Spade, Flandreau Santee Sioux Tribe</p> <p style="text-align: center;">Q&A</p> <p>Guided Discussion on Reporting and Partnerships</p>
5:00 PM	Day 2 - Adjourn	
5:30 PM	Networking Event, The Antlers Hotel's London Grille	

Wednesday, November 7, 2018 - Day 3

8AM-5PM	Registration Open	
8:30 AM	General Session 3, Heritage Room ABC	
	<p>Maximizing Cobenefits on NPS Projects Moderator: Barry Tinning, Tetra Tech <i>Session provides insights on maximizing the cobenefits of NPS projects with mitigation of natural hazards such as drought, flooding, and wildfire.</i></p> <p>Emergency Management, Hazard Mitigation, and Nonpoint Source Programs: Planning Together Today for Resilient Community Watersheds of Tomorrow Alanna Conley, USEPA R4, and Esther White, University of Kentucky</p> <p>The Iowa Watershed Approach: Marrying Flood Mitigation and Water Quality Improvement for a More Resilient Landscape Allen Bonini, Iowa Department of Natural Resources</p> <p>Watershed Planning and Green Infrastructure Are Hazard Mitigation: Insight into Collaboration for NPS Planners Lisa Hair, Robert Goo, USEPA HQ, and Mark Thompson, Colorado Division of Emergency Management</p>	
10:00 AM	Break	
10:30 AM	General Session 4, Heritage Room ABC	
	<p>Lessons Learned: Measuring and Communicating 319 Program Successes Moderator: Michelle Wilcox, USEPA R10 <i>Session highlights NPS program progress and demonstrates methods of quantifying and communicating success.</i></p> <p>Tracking and Communicating Vermont's Clean Water Progress Emily Bird, Vermont Department of Environmental Conservation</p> <p>Determining Project Effectiveness using Physical, Chemical, and Biological Parameters Jim Bowcutt, Utah Division of Water Quality</p> <p>Increasing Virginia's 319 program efficiency: a journey through LEAN and process improvement Nicole Sandberg, Ashley Wendt, and Kelly Meadows, Virginia Department of Environmental Quality</p>	
12:00 PM	Lunch (on your own)	

1:30 PM General Session 5, Heritage Room ABC

Funding Strategies and Opportunities

Moderator: Carla McCullough, USEPA HQ

Learn strategic approaches to place a value on environmental investments and find out about innovative funding opportunities in support of NPS projects.

Calculating the Return on Environment: it's not just another pretty face

Fred Suffian and Ellen Bryson, USEPA R3

Panel on Integrating State CWSRF Programs with State NPS Programs

coordinated by Don Waye, USEPA HQ

What would you do with \$165 Million for Stream and Wetland Restoration and Protection Projects?

Steve Malone, Ohio Environmental Protection Agency

Vermont Water Infrastructure Sponsorship Program (WISPr)

Terisa Thomas, Vermont Department of Environmental Conservation

Silviculture to Stormwater: Maine's CWSRF Approach to NPS

Wendy Garland, Maine Department of Environmental Protection

3:00 PM Break

3:30 PM General Session 6, Heritage Room DEF

Sharing Innovative Tools

Session is a forum for discussion and learning about new and tested tools and ideas to improve NPS management.

Impact of sediment associated bacteria on transport and loading

Rachel McDaniel, South Dakota State University

Improving Soil Health One Grain at a Time: Innovative Cropland Methods to Increase and Track Cover Crops

Tyler Monteith and Marcia Fox, Delaware Department of Natural Resources and Environmental Control

Competitive Selection of 319h Grant Funded Implementation Projects via Interview Process with Diverse Stakeholders

Maya Cough-Schulze, North Carolina Department of Environment and Natural Resources

Partnering for salmon and improving water quality

Laura Eldred, Alaska Department of Environmental Conservation

Multi-Sector Collaboration and Modeling of Nutrient Sources in the Lower Arkansas River Valley

Tyler Wible and Troy Bauder, Colorado State University

Adapting to Future Water Quality Conditions: A Method to Identify BMPs that Best Perform in a Changing Environment

Steve Epting, USEPA

Determining the Effects of Restoration Projects on Stream Temperature in Northern New Mexico

Daniel Guevara, New Mexico Environment Department

How Clean is Clean Enough? Assessing Edge-of-Field Nutrient Runoff

Daren Harmel, USDA-ARS

Emergency Management, Hazard Mitigation, and Nonpoint Source Programs:

Planning Together Today for Resilient Community Watersheds of Tomorrow

Alanna Conley, USEPA R4, and Esther White, University of Kentucky

Nonpoint Source Monitoring - a pocket guide

Meg Wiitala and Cyd Curtis, USEPA HQ

Vermont Water Infrastructure Sponsorship Program (WISPr)

Terisa Thomas, Vermont Department of Environmental Conservation

More About Ohio's WRRSP and Our Other SRF Programs

Steve Malone, Ohio Environmental Protection Agency

5:00 PM Day 3 - Adjourn

5:15 PM Tribal Dine-Around

Thursday, November 8, 2018 - Day 4

8AM-1PM Registration Open

8:30 AM General Session 7, Heritage Room ABC

Watershed-Based Planning

Moderator: Alanna Conley, US EPA R4

A session to investigate watershed planning and various challenges and opportunities in implementation.

Shell Creek: A Tough Nut to Crack

Carla McCullough and Elbert Traylor, Nebraska Department of Environmental Quality

Community-Sourced Efforts in Watershed-Based Planning: Obstacles and Opportunities

Meg Hennessey, New Mexico Environment Department

Development of Ohio's 9-Element Nonpoint Source Implementation Strategic Plans: A productive transition with the creation of a new HUC-12 scale 9-Element watershed-based planning template and related outreach

Rick Wilson, Ohio Environmental Protection Agency

10:00 AM Break

10:30 AM General Session 8, Heritage Room ABC

Agricultural NPS Pollution

Moderator: Carla McCullough, Nebraska Department of Environmental Quality

An update on methods of assessing water quality success in agricultural landscapes and exploring the connections between soil health and water quality.

Conducting Targeted Water Monitoring Studies to Measure Water Quality Success

Steve Hopkins, Iowa Department of Natural Resources

Collecting Edge-of-Field and Small Watershed Runoff and Water Quality Data: Data Quality and Resource Considerations

Daren Harmel, USDA-ARS

Soil Health: A New Hope for Water Resources in Kansas

Andrew Lyon, Kansas Department of Health and Environment

12:00 PM Closing Comments, Heritage Room ABC

Barry Toning, Tetra Tech

12:15 PM Adjourn

12:20 PM Lunch (on your own)

1:00 PM Field Trip (meet in Lobby)

Red Rock Canyon Open Space

Sign-up required. Red Rock Canyon is a prime example of the urban/wild land interface. The unique and scenic geological formations of the Canyon will provide for an educational and enjoyable field trip on this recently preserved 1,476 acre parcel. The site contains a capped landfill, numerous erosion issues, old mining sites, stream course alterations, and recreation impacts. Educators from the Friends of Red Rock Canyon and NEIWPCC will provide field trip attendees with an understanding of the area's nonpoint pollution issues and its natural and cultural history.

Educators will guide groups of attendees along 2-mile (with shorter 1-mile option) loops of scenic trails and will describe the numerous nonpoint and environmental issues on the site. Please bring water, sun protection, and wear shoes and clothing appropriate for gravelly trails and chilly weather. Bus transportation is provided.

4:00 PM Day 4 - Adjourn