National NPS Meeting Planning Team!

NEIWPCC – Michelle Jenkins, Samantha James, Kathleen Kolva, Jane Ceraso, James Plummer

States – Emily Bird, Chris Cudia, Abraham Franklin, Russ Gibson, Steve Landry, Faith Hambleton, Heather Jennings, Terry McDill, Carla McCullough, Shanon Phillips, Tony Ramick, Nicole Sandberg, Susan Dingman Summerlin, Cecilia Lane

Tribes – Hank Bojorquez, Shawn Chato, Dino Chavarria, Tim Funk, Chauncey Means, Peggy Obear, Tim Spade

EPA Regions – Judy Bloom, Peter Monahan, Kamilah Carter, Vivian Doyle, Lindsey Griffin, Alan Henning, Bryan Hummel, Mara Lindsley, Donna Somboonlakana, Caitlайн Thompson, Michelle Wilcox

EPA HQ – Steve Epting, Robert Goo, Lisa Hair, Don Waye

Colorado – Carol Ekarius, Mark Shea, Friends of Red Rock Canyon
National Nonpoint Source Program
The Journey Continues

Lynda Hall, Chief
Nonpoint Source Management Branch
EPA Office of Wetlands, Oceans and Watersheds
Roadmap: National NPS Program

- Stay the course on §319 program management
- Leverage funding and program partnerships
- Improve program data efficiency, integration and access
- Better capture and showcase our success
- Technical support for restoration and protection
Stay the Course on §319 Program Management

50% of funds to watershed projects

Update of NPS Management Plans

Watershed plans and review

Annual Satisfactory Progress Reviews
Section 319(h)

Section 319(h) Funding
(2000-2018)
NPS Management Plan Updates

• Strategic focus and investment for NPS programs
  • CWA §319 (a)(b) recognize value of targeting and comprehensive approach
• §319 is a Continuing Environmental Program that achieves goals over time
• In contrast to annual workplans, NPSMPs incorporate factors, opportunities affecting NPS program over longer term
• Serve State needs
Roadmap: National NPS Program

- Stay the course on §319 program management
- Leverage funding and program partnerships
- Improve program data efficiency, integration and access
- Better capture and showcase our success
- Technical support for restoration and protection
THE NATIONAL PICTURE:
CWSRF Investments through 2018, $Billions

Point Source Projects, $128.32
96.50%

NPS Projects, $4.66
3.50%

Total CWSRF $132.98B
FEMA Hazard Mitigation Assistance

Three Hazard Mitigation Assistance Funding Programs

- Annual appropriation, competitive selection
  - Pre-Disaster Mitigation ~ $235M
  - Flood Mitigation Assistance ~ $160M

- Post disaster
  - Hazard Mitigation Grant Program ~ $600M

*Plus $B for post-disaster recovery after Presidential Declaration
Why Now? FEMA Policy Changes Favor Nature-Based Infrastructure to Reduce Natural Hazards

• FEMA recently incorporated into Hazard Mitigation Planning guidance:
  • More integrated planning, e.g., natural resources planning
  • Future conditions, e.g., impervious area expansion

• FEMA promotes “green” approaches and assigns value to ecosystem services for Benefit/Cost estimation – easier for projects to meet threshold.

`Creates New Opportunities for States, Tribes and Communities`
- Leverage FEMA funds for watershed projects with co-benefits
  - Multi-agency support for projects with co-benefits
USDA NRCS

National Water Quality Initiative (NWQI)

Regional Conservation Partnerships Program (RCPP)

Mississippi River Basin Healthy Watersheds Initiative (MBRI)

News Release

USDA Funding to Help Clean Waterways in Mississippi River Basin

WASHINGTON, April 7, 2015 – Targeted conservation work in the Mississippi River basin will unite the United States Department of Agriculture (USDA) farmers and local organizations to help clean waterways that flow into the nation’s largest river. USDA’s Natural Resources Conservation Service (NRCS) is awarding $10 million this year to 22 new high-priority waterways and 13 existing projects that will help improve water quality and strengthen agricultural operations. This investment is part of a commitment of $100 million over four years to address critical water quality concerns in priority watersheds while boosting rural economies.

“We know that when we target our efforts to the places most in need, we see stronger results,” Agricultural Secretary Tom Vilsack said. “These projects focus on watersheds in need, where we have opportunities to work with partners and farmers to get conservation work on the ground.”

NRCS worked with state agencies, farmers and other partners to identify high-priority waterways that align with established state priorities and have strong partnerships in place — and where targeted conservation on agricultural land can make the most gains in improving local and regional water quality. Conservation systems implemented in these areas will reduce the amount of nutrients flowing from agricultural land into waterways, improve water quality and improve the resiliency of working lands in the face of droughts and floods. This investment builds on $18.5 million already allocated to projects in the basin in Fiscal 2015.”
National Water Quality Initiative

- NWQI now extended through FY23
- Focus on watershed assessment and planning
  - FY17 Readiness phase – enhanced planning before practice implementation
    - Identify and target critical source acres for treatment
    - Outreach strategies to engage producers
  - In FY20, all NWQI watersheds will have assessments/plans that meet guidance.
- NRCS will develop multi-year budgets for each watershed to commit to accelerated funding
- FY19 pilot expansion for source water protection including ground water
Roadmap: National NPS Program

- Stay the course on §319 program management
- Leverage funding and program partnerships
- **Improve program data efficiency, integration, and access**
- Better capture and showcase our success
- Technical support for restoration and protection
Many GRTS improvements in last two years

- User Interface improvements
- Simplified data entry & geo-referencing tools
- The addition of the NPS Success Story Database
- Beginning to capture Tribal 319 data & success
- ‘Circuit Rider’ approach to GRTS trainings

Data input is easier, and information is accessed and used more than ever

- Integration with the EPA’s Water Quality Framework (ATTAINS, WQX, GRTS, etc.)
- EPA’s public-facing applications
- Used by university researchers, others
EPA’s ‘How’s My Waterway?’ application (Beta) provides easy-to-use public access to integrated water program information (ATTAINS, GRTS, WQX, etc). Data imported from GRTS and Success Stories Database!

WATERS GeoViewer—showing areas of work, waters impacted by NPS program activities. Data imported from GRTS!

EPA Drinking Water Maps—displays NPS project work that may affect source water quality. Data imported from GRTS!
Roadmap: National NPS Program

- Stay the course on §319 program management
- Leverage funding and program partnerships
- Improve program data efficiency, integration, and access
- Better capture and showcase our success
- Technical support for restoration and protection
Office of Water Core Measures – FY19+

- EPA implementing Lean Management System
- Measures: select small, meaningful set of metrics to track progress at national level
  - Informed by outreach to States and Tribes
# Capturing Water Quality Successes

WQ-10(a) becomes OW Core Measure in FY19

<table>
<thead>
<tr>
<th>Measure WQ-10</th>
<th>Changed to WQ-10(a)</th>
<th>OW Core Measure “S21”</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of waterbodies identified (in 2000 or subsequent years) as being primarily nonpoint source NPS-impaired that are partially or fully restored.</td>
<td>Number of NPS impairments that have been eliminated from 303(d)-listed waterbodies through restoration actions.</td>
<td>Number of primarily nonpoint source-impaired waterbodies partially or fully restored by NPS program actions. Sum of distinct impairments removed from each NPS-impaired waterbody.</td>
</tr>
<tr>
<td><strong>Original NPS Program Measure</strong></td>
<td><strong>Measure expands in FY17 to capture more progress</strong></td>
<td><strong>Included in OW Core Measures. Same method as WQ-10(a)</strong></td>
</tr>
</tbody>
</table>
A total of 11,623 miles of waterbody restored (type 1 (10,925 mi), type 2 (529 mi), and type 3 (169 mi)).
A total of 354,609 acres of waterbody restored (type 1 (292,396 ac), type 2 (59,054 ac), and type 3 (3,160 ac)).
Tribes lead efforts to assess and prioritize NPS pollution problems on their lands.

Successfully addressing NPS pollution takes people, money and time.

Tribes are protecting and improving water quality.

Tribes build partnerships to address NPS pollution.

Tribes managing NPS pollution while facing unique challenges.

Tribal NPS programs often fill a unique role in their community and watershed.
Roadmap: National NPS Program

- Stay the course on §319 program management
- Leverage funding and program partnerships
- Improve program data efficiency, integration, and access
- Better capture and showcase our success
- Technical support for restoration and protection
Technical Support for Restoration and Protection

- Technical documents, e.g., Critical Areas
- Improved STEPL load reduction model
- NPS Monitoring resources – more accessible
- NPS Tech Exchange Webcasts
- Regional Tribal NPS trainings
- Protection practices in NPS programs
- Healthy Watersheds Consortium Grant
  - Network of funders and partners to conserve healthy watersheds
  - EPA investment highly leveraged
  - Lessons learned for State and Tribal programs
And the NPS journey continues...

..Thanks