Data Advances for Water Quality

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What is the Water Quality Framework?

• The Framework is a new way of thinking about how our data support the programs and how the CWA programs connect with one another

• The Framework is about leveraging data and technology to improve these processes and tell a compelling story about the impacts our programs are having on the environment

Example: How does monitoring data support the assessment and listing process
What is ATTAINS?

• ATTAINS is the tracking system for Assessment Conclusions
• It contains information about:
  • What waters are being assessed
  • The designated uses for those waters and whether or not they support those uses
  • Attainment conclusions for monitored parameters and an identification for those parameters that are causing impairments
  • TMDLs, Alternatives, Protection Plans, and other Actions that will lead to improved water quality
• It does NOT contain the collected monitoring data
Getting Here

• WQF Workgroups (2014)
• ATTAINS Lean (2015)
• ATTAINS Integrated Project Team (2015-2016)
• ATTAINS Design Team (2016-Today)
• ATTAINS Exchange Network Group (2016-Today)
• Shepherdstown Training (May 2017)
ATTAINS Status

• Finishing touches are being tested now
• Historical data are being migrated
• Working with states to get ‘starting’ cycle loaded and ready in the system
• Ready for state use in 2-weeks (mid-September)
What Does Submittal Through ATTAINS Look Like?

- ATTAINS validates data as it is entered (data must pass validations before submittal is allowed)
- The ‘promotion’ process and documents to include
- DEMONSTRATION
Interacting With ATTAINS
What’s Next?

• Actions (October-Dec 2017)
• Regional Review Components (Dec 2017)
• State Scale Surveys (January 2018)
• Telling the Water Story – Integrated Data (March 2018)
Water Quality Portal

For more information on the portal see: www.waterqualitydata.us