

Rapid Inventory Development Pilot: Final Report

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Overview of Presentation

- **Background: NEI Cycle**
- **Description of Pilot**
- **Pilot Results**
- **Conclusions**

NEI Cycle

- **CERR Requirements for S/Ls**
- **Point, Nonpoint, Mobile every 3 years**
- **2002 -first full reporting year**
- **Reporting deadline is 17 months beyond the end of the reporting year**
- **Historically, an additional 19 months needed to compile NEI after receipt from S/Ls**

Shortening the NEI Cycle

- **AERR Proposal**
 - 2008 NEI – 12 month reporting deadline
 - 2011 NEI & Beyond – 6 month reporting deadline for point sources
- **2008 NEI Goal – Complete NEI in 18 months**
- **Ultimate NEI Goal – Complete NEI in 12 months**

Rapid Inventory Development Pilot Description

- Investigate how to reduce the time needed by S/L agencies to prepare submittals . . .
- Without compromising data quality and completeness
- Explore technology-based strategies
- Develop a 2004 emission inventory for participating agencies in 12 months

Rapid Inventory Development Pilot Participants

- Alabama
- Lane County, OR
- Louisiana
- Maryland
- Michigan
- Missouri
- Albuquerque, New Mexico
- North Carolina
- Ohio
- South Carolina
- West Virginia

Rapid Inventory Development Pilot Schedule

- **11/04: Project Started**
- **1/05-5/05: Develop/Test reporting tools**
- **5/05-10/05: S/Ls develop inventories**
- **10/31/05: Submittal deadline**
- **12/05: Complete Pilot inventory**
- **05/06: Evaluation of Pilot**

Rapid Inventory Development Pilot Other Activities

- **Initial survey of participants**
- **Test online point source reporting tools**
- **Test online nonpoint source reporting tool**
- **Close-out survey of participants**

Rapid Inventory Development Pilot Initial Survey Information

- Data Collection Methods (out of 11 S/Ls)
 - 4 = Paper Forms
 - 1 = Electronic Spreadsheets
 - 3 = Custom distributed application
 - 3 = Custom web-based system
- S/L EI Cycle, 6 agencies = 17+ months
 - 2 = paper forms
 - 1 = Custom distributed application
 - 3 = Custom web-based system

Rapid Inventory Develop Pilot Results

- **Received point source data from 5 States and 1 local agency**
- **Received nonpoint data from 1 local agency**
- **Received both criteria and HAP pollutants from 5 out of 6 submitters**
- **5 out of 6 submitters using some form of electronic data collection**

Rapid Inventory Development Pilot Implications for State/Local

- **Reporting deadline**
 - 12 months attainable
 - 6 months not attainable
- **S/L agencies which have their reporting deadlines after 1Q may need to change their deadline**
- **Electronic data collection necessary to meet tighter deadlines**
- **Concerns regarding nonpoint and mobile emissions**

Rapid Inventory Development Pilot Implications for EPA (EIAG)

- **Potential for unresolved issues between EPA and S/L agencies**
- **Need for different QA before data is officially submitted to EPA**
- **Concerns about HAP emissions**
- **May need different approach for nonpoint/mobile activity surrogates**

Rapid Inventory Develop Pilot

Doug's Bottom Line

- **Drivers to publish NEI on a tighter schedule are not going away**
- **It's doable – but will require change by both EPA and S/L agencies**
- **Leveraging technology is “low hanging fruit”**
- **Schedule/Quality is not a simple linear relationship**
- **We can do this!**