AFS Modernization

NACAA Meeting – May 5, 2014

AFS Modernization Status

➤ Long agreed upon need to modernize

➤ Efficiencies and cost savings from modernization critical in these times of tight resources

➤ Time is **now** to take advantage of available Agency funding and to relieve ourselves of the rising mainframe costs of legacy AFS

➤ Cannot afford to continue to pay mainframe costs concurrently with modernization investments

➤ New Next Generation Compliance & e-Enterprise approaches build on modernized IT infrastructure & business processes

AFS Modernization Status: State/Local Concerns

We've heard your concerns about:

➢ Our aggressive schedule to implement ICIS-Air in October 2014

➢ State/Local resource investment necessary to prepare for the transition to ICIS-Air, including:

- Expectations to clean-up data for migration

- Preparation time to report electronically to ICIS-Air

AFS Modernization Status:
Addressing State/Local Concerns

➢ We realize our aggressive schedule is tough to meet

- FTE & resources to keep up with development

- Testing

- State & local agency system modifications

➢ Delays would be very costly

- $ 2.6M mainframe costs in FY15

AFS Modernization Status: Addressing State/Local Concerns

- EPA commits to providing assistance to states and local agencies
  - Workgroups
  - Plug-ins
  - Contract $
  - Data entry assistance after migration to ICIS-Air
  - Data fixes prior to migration to ICIS-Air
- Three national workgroups, with state and local agency participation:
  - Data Migration
  - Web Design for ICIS-Air
  - Integrated Project Team for Electronic Data Transfer

AFS Modernization Workgroups
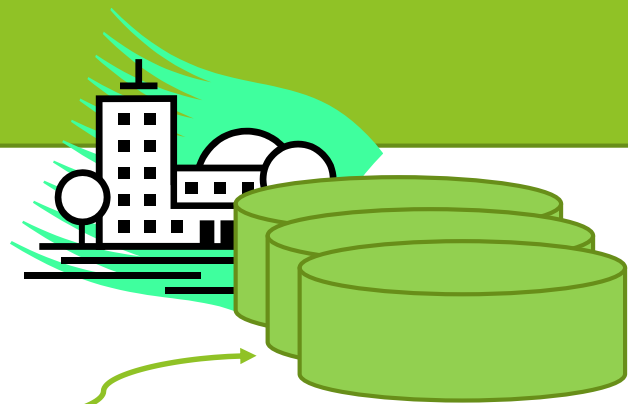
Data Migration Workgroup

Web Design Workgroup

Data Cleanup & Mapping

Efficient Data Entry & Reporting

AFS

ICIS-Air

Exchange Network

Collaboration on Data Flows From State Systems

Integrated Project Team (IPT) for Electronic Data Transfer (EDT)

AFS Modernization Status: Data Migration

➢ Recently completed the 3rd of 7 data migration iterations.

➢ 85% of facilities successfully migrated. Excellent progress from 41% after the 1st iteration!

➢ Iteration approach takes resources, but maximizes data quality.

➢ We anticipate a highly successful migration in October as the data will have been reviewed and corrected if necessary.

➢ This ICIS-Air migration progress is way ahead of previous ICIS-NPDES progress at the same point in the project.

AFS Modernization Status: Web Design

➢ Web Design Workgroup review and testing has improved the initial ICIS-Air graphical user interface

➢ Final set of screens will enable users to enter information more conveniently via the web

➢ Users should experience a data entry burden reduction

➢ Users will have vastly improved querying and reporting capability via more powerful and accessible reporting tools

AFS Modernization Status: Electronic Data Transfer

➢ New ICIS-Air XML Schema nearing completion.

➢ We plan to make the Schema available in the next month, allowing state/local agenices to map their data to the ICIS-Air Schemas.

➢ Working with Nebraska, through an Exchange Network grant, to develop an OpenNode2 /.Net plug-in to greatly reduce reporting burden. Approximately 20 states will be able to use this plug-in.

➢ OC is developing an OpenNode2 / Java plug-in with our funds. Additional 8 states will be able to use this plug-in.

➢ OC is reserving funding to support states in mapping their systems to ICIS-Air plug-ins.

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AFS Modernization Status: Other Assistance

➢ Reserving additional funding to support data entry should some states

or local agencies be unable to transfer data after migration to ICIS-Air.

➢ Completed a first round of over 60 calls, covering all 50 states and close to 30 local agencies, to discuss migration and data transfer preparations.

➢ We will soon begin a second round of calls for states and local agencies planning to electronically transfer data.

AFS Modernization: Relationship to FRV / SRF

➢ Developing ICIS-Air to accommodate future Next Gen directions

➢ Not requiring increased reporting: FY2015 ICR

➢ ICIS-Air will be able to accommodate policy decisions, not drive them

- HPV / FRV revisions

- e-reporting

- Allow more functionality, uses of data, reports

- SRF

➢ SRF also does not drive policy

- Accommodates changes in policy directions as they are implemented

- SRF retrospectively demonstrates performance under whatever policy prevails at time of performance