



ICIS-NPDES Lessons Learned

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Protecting Maine's Air, Land and Water

Where we started

- Maine was not supposed to be a “full batch” state, but ended up one
- 2006 – NPDES permit information moved to DEP’s Environmental Facility Information System (EFIS)
- Integrated with DEP’s eDMR application



ICIS-NPDES Project

- Project was funded by two grants
 - FY09 Exchange Network (EFIS/node)
 - OECA Grant (node)
- Two contractors hired
 - Decision Dynamics, Inc. (EFIS)
 - enfoTech (node)



Lessons Learned

- Have an overall project plan and schedule
- Identify your node contractor early
- Clean data really helps



Have an Overall Plan and Schedule

- Identify the payloads to be included
 - Key to determining project scope
- Determine how data will entered into ICIS
 - Manual data entry
 - In-house node development vs. contracted node development
- Maine already had an enfoTech data node to use for this project



Identify Your Node Contractor Early

- The technical approach taken on the node directs other technical decisions
 - Staging table location
 - Data mapping
 - Extract process
- Contractors need to work closely together



Clean data really helps

- 2005/06 – _____ of EPA began to work with Maine to clean-up PCS data
- Late 2010/11 – Entire program effort to correct codes in eDMR and overhaul data entry process
- 2011 – Added past Inspections to EFIS for flow to ICIS-NPDES





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