

<http://www.iowadnr.gov/water/certify.html>



Environmental Laboratory Certification Program

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Water & Wastewater - *comments*
Laboratory Certification Perspective

Wastewater and Drinking Water Issues

1. Proposed DMRQA-29 Changes - EPA
2. Conditional Data
3. SDWIS web2 - status

DMRQA Study 29 and the Future

Presented by EPA

NELAC INSTITUTE

January 13, 2009

DMRQA - Past

(paper work, phone calls & confusion)

- Larger & some Small NPDES Permittees must participate
- Lab Certification not required by EPA rules
- Lab must pass a performance evaluation (PT) sample
- Permittees must report Labs results to EPA coordinator

Confusion for Iowa

- *No State Coordinator in Iowa – EPA Region 7*
- *PT Results Satisfy IaDNR Lab Certification Requirements – CC to IaDNR*

DMRQA Study 29 and the Future

3 Options

Options 1 & 2

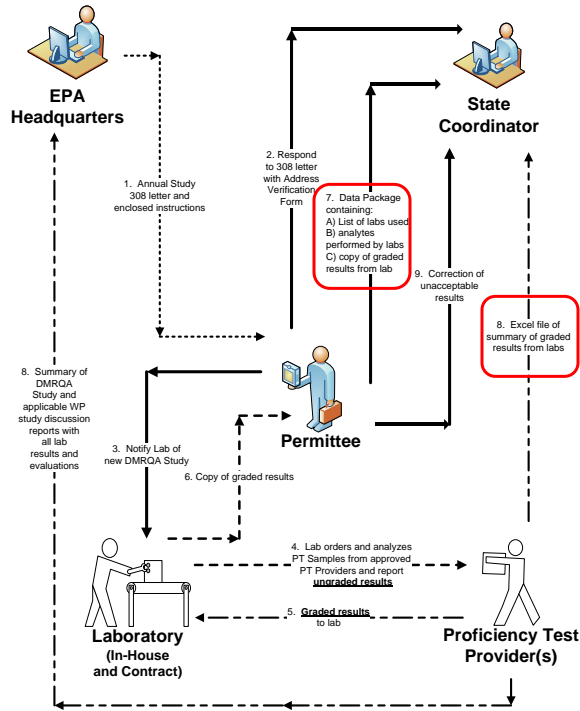
more latitude in an old process

- Option 1 - PT testing period
 - anytime during calendar year
- Option 2 - Data Flow options to EPA coordinator
 - two alternatives

[still confusing?]

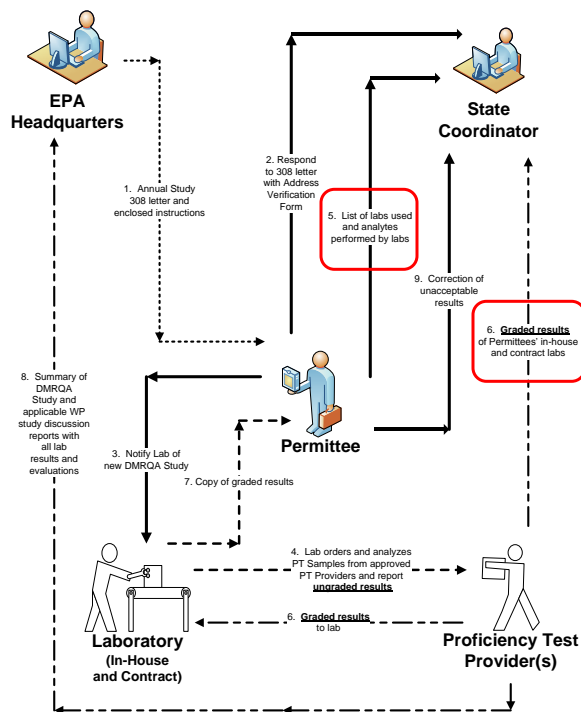
Dataflow Option 1

PT Providers deal only with labs, Permittee send copy of graded report (received from lab) to state coordinators



Dataflow Option 2

Lab submit results to Provider and Provider send report by permittee to coordinators, permittee sends list of labs used and analytes performed by labs



Option 3 “State Certification”

Permittee/lab could be Exempt from DMRQA if:

- “State has WasteWater lab certification program”
 - Iowa has WW lab certification program
- “State requires permittee to use certified lab”
 - Iowa requires permittees to use certified labs
 - Except for routine on-site monitoring

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If you participate

Questions

- Questions on the 3 options?
 - Contact EPA Coordinators
- Questions on Iowa Certification?
 - Contact IaDNR

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EPA contacts!

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Environmental Labs Iowa Certification Status

Available on the web

- http://www.uhl.uiowa.edu/services/labcertification/reports/public/certification_form.xml
- Enter Ia LabID

Conditional Data - Reminder!

If samples do not meet requirements of rule or method:

- Invalid (*discard and resample*)
or (*analyze and report as*)
- Conditional / Qualified / non-Compliance

Notify the Client

Conditional Data - Examples

- Labeling – missing information
- Preservation and hold time
- QA / QC issues

Client sample report: conditional statements should be **prominent, clear and describe bias.**

Generally, all valid results must be report to the Department.
(...with qualifications)



Web2 Implementation

- 2008 Goal - 4/1/2009
 - Economy
 - Budget
 - IT Contracts
- Postponed!



Web2 Implementation

- 7 pilot labs *done!*
 - Large and Small labs
 - Labs have provided XML test data
- Conference Calls - 2nd Q 09 *resume*
- Test XML Data *in process*
 - improved systems
 - fix issues
- Implement w/ pilot labs
- Involve remaining labs (45)
- Operational with secure web site *TBD*
 - Submit an XML file from lab's LIMS system
 - Type in individual results on a web page

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