



EPA/State UIC Data Management Steering Committee (DMSC) Update

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DMSC Purpose

- Support the cooperative efforts of EPA and State Agencies in improving and enhancing UIC program data management
- Also serves in an advisory capacity to assist EPA's Office of Ground Water and Drinking Water in addressing UIC data management issues

DMSC Objectives

- Provide a forum for information exchange and constructive discussions on UIC data management
- Ensure that the database reduces UIC reporting burden and increases interagency efficiencies
- Improve understanding of data users about the UIC program and what the data contained in the database represents (data stewardship)
- Ensure data quality/consistency issues are addressed
- Help programs transition to electronic reporting
- Work with Integrated Project Teams (IPT's) to identify problems/issues

DMSC Membership

- Kurt Hildebrandt, EPA Region 7 – Federal Co-Chair
- Bill Bates, EPA Region 5
- Stan Belieu, Nebraska
- Maria Conicelli, EPA Region 3
- Jim Halvorson, Montana
- Elizabeth Janes, EPA Region 9
- Trang Le, EPA HQ (ex-official)
- Cathy McCarty, Florida
- Carl Reeverts, EPA HQ
- Tom Ripp, EPA HQ OECA
- Bob Smith, EPA HQ
- Nathan Wiser, EPA Region 8

DMSC Accomplishments

- Developed proposed steps for transitioning from the use of current reporting mechanisms to electronic submittal to the UIC National Database
- Drafted memo outlining proposed steps for transitioning from existing paper reporting to electronic submittal to the UIC National Database
- Worked with the IPT's to identify data management issues
- Shared the experiences of participants in the database effort with EPA's Office of Ground Water and Drinking Water management

DMSC Priorities for Coming Year

- Monitor progress of programs transitioning from the use of current reporting mechanisms to electronic reporting
- Provide information on Environmental Information Exchange Network Grant Program
- Look at what changes are needed in the database to incorporate new Class VI CO₂ injection well data once rule is finalized
- Continue to work with the IPT's to identify data management issues and prepare recommendations for resolution of those issues

Issues Being Looked at by the DMSC

- The Geology table in current UIC data model allows only one set of geologic data for each well, which is inadequate to capture wells with more than one confining zone and injection zone.
- The Permit table in the current UIC data model allows one and only one active permit for a specific well at the same time, which is inadequate to capture situations in several State programs that issue dual, active permits for wells.

Issues Being Looked at by the DMSC

- The Well Type table in the current UIC data model allows only one well type for a specific well to be captured, which is inadequate for wells which have been approved to operate as more than one well type at the same time.
- The Area of Review (AOR) data in the current UIC data model only captures the number of AOR wells that need corrective action and does not capture the total number of AOR wells reviewed under the permit, which misses information contained in the 7520's.

Issues Being Looked at by the DMSC

- The acceptable values for Class V well subtypes does not list all Class V subcategories in use by regional and state UIC programs, forcing key information to be lost when mapped to the UIC National Database.
- The current well type definitions also indicate which well subtypes are classified as “deep”, even though certain subtypes may be either deep or shallow depending on site specific factors or state practices.

Environmental Information Exchange Network Grant Program

- The 2010 solicitation has been published
- \$10 Million in funding available
- State UIC programs are eligible for funding (if selected) to develop a database to manage UIC data and flow that data into the UIC National Database
- The application deadline is **November 20, 2009**
- More information can be found at:
<http://www.exchangenetwork.net/grants/index.htm>



Questions?

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