

NMED's

Greenhouse Gases Reporting Workshop

Presented by:

Michael Schneider & Rhonda
Payne

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Agenda

- 2011 GHG Emissions Inventory results.
- 2012 GHG Emissions Reporting requirements and process.
- 2013 GHG Emissions Reporting requirements.
- Questions/Comments.

2011 GHG EI Results

- Title V AEIR and EPA GHG emission reports.
- Data are not completely reviewed as we just received EPA Oil and Gas preliminary data.
- Approximately 27.5 million metric tons CO₂e from Title V facilities.
- Distribution between CO₂ and CH₄ similar to past years.
- Some reporters indicated that they would report to EPA but did not and need to submit using AEIR.
- Less errors in submittals.

2011 USEPA GHG Emissions Reporting (New Mexico)

- 76 facilities reported a portion of, or their entire GHG emissions directly to EPA.
- Some reported directly to EPA even though GHG emissions were less than 25,000 metric tons.
- EPA data includes a handful of non-Title V facilities.
- EPA needs to clarify Subpart W datasets as they appear to include GHG emissions from sources outside of NM
- Excludes Tribal and Bernalillo County TV facilities.

2011 USEPA GHG Emissions Reporting (New Mexico)

- Nine oil and gas production entities reported emissions.
- Approximately 94% of those emissions were from methane emitting sources.
- The number of entities reporting and total emissions are likely to increase once EPA submits its revised data.
- Absent clarification from EPA, it's difficult to extract additional information from the data.

GHG Reporting Requirements for 2012 Emissions

- Please refer to the 2012 GHG emissions reporting procedure on our website for instructions.
- Title V facilities report CO₂ & CH₄ emissions by April 1st or in accordance with USEPA applicable sources.
- CO₂ & CH₄ combustion, vented and fugitive emissions must be included in oil and gas GHG emission reports.
- Include GHG emissions during normal operation, maintenance, start-up, shutdown, upset and malfunction occurrences .
- Landfills do not have to report non-combustion related CO₂ GHG emissions.

GHG Reporting Requirements for 2012 Emissions

- Sector specific GHG emissions calculation methods & reported data requirements.
- Title V Sources use AEIR tool for submitting non-EPA reported GHG emissions data.
- AEIR tool to allow self-selection of GHG emissions.
- Additional AEIR GHG reporting enhancements focusing on unpermitted equipment.
- Include electronic calculation (i.e. Excel spreadsheet) attachment with your submittal as outlined in the procedures.

GHG Reporting Requirements for 2012 Emissions

- Facilitate the capture of more complete information of GHG information within AEIR.
- Increase data quality and consistency among reporters.
- Include unpermitted GHG emission sources for reporting purposes only.
- Improve the AEIR tool experience for reporters
- Implement in time for gathering of most 2012 data
 - Functionality is optional for 2012 GHG emissions reporting

2013 GHG Emissions Reporting Requirements

- Add N₂O emissions from stationary combustion sources.
- Rely primarily on EPA GHG emission calculation methods.
- Fully implement AEIR GHG emissions enhancements.