

# Gas Storage Primer

Developing a Guide for States

# What are the Issues?

- Potential for major gas leakage
- Regulatory authority of PHMSA vs. states
- Development of PHMSA regulations (Currently limited to natural gas in porosity storage)
- PHMSA regulations being based on API Recommended Practices (Not designed to be regulatory in nature)
- Variation in gas storage regimes
  - Porosity vs. cavern storage
  - Storage of natural gas vs. gas liquids
- Lack of overall regulatory guidance currently available to states

# Purpose of Primer

- The purpose of developing a primer is to provide information to the states that could be useful to them for creating new gas storage regulations or updating existing regulations. The primer will act as a guide to provide states with considerations concerning the administrative and technical aspects of gas storage on topics such as:
  - Permitting
  - Well construction and integrity
  - Operations
  - Closure and site restoration

# Primer Process

- Individual workgroups, each headed by a state regulator and staffed by volunteers from states, industry, NGO's, consultants and others, are developing sections of the primer
- GWPC staff will prepare a draft of the primer based on submissions from the individual workgroups
- A leadership group headed by Rick Simmers of Ohio and Hal Fitch of Michigan will review the draft primer and edit the text
- A final primer will be published under the auspices of the States First Initiative

# Important Milestones

- May, 2016 First meeting of the gas storage workgroup
- July, 2016 Draft of the chapter outline
- September, 2016 First draft of an enhanced outline with some text
- October, 2016 First draft of a primer based on submissions from workgroups using enhanced outline
- ??? Final draft of the primer available for publication.

# Questions

