



An update of CCS Regulatory Activities In Wyoming

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Environmental Quality

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Overview

- The Legislation
- What we have done
- What we're doing now
- What we're scheduled to do
- Where we want to end up



The Legislation

- House Bill 89 (<http://legisweb.state.wy.us/2008/Bills/HB0089.pdf>)
 - Pore space belongs to surface owner
- House Bill 90 (<http://legisweb.state.wy.us/2008/Bills/HB0090.pdf>)
 - Permitting required (EOR exception)
 - Rules, regulations and standards from WQ division (UIC program precedent)
 - Working Group directed for financial assurance provisions
 - CO₂ “mining” provision



What We Have Done

- Working Group Formed
 - Representation from affected state agencies, land owners, industry and academia
- Meetings Held
 - Presentations on carbon capture and sequestration technologies, existing financial assurance systems and potential financing alternatives for carbon sequestration liability (<http://deq.state.wy.us/carbonequestration.htm>)
 - Tours conducted of CO2 flood enhanced oil recovery operation and coal fired power plant



What We're Doing Now

- Additional research being accomplished for both additional technology and financial assurance information
- Arranging speakers for subsequent meetings
- Collating information and drafting interim report (due 1 Nov)



What We're Scheduled To Do

- Next meeting on Dec 3-4 to learn more about insurance options for financial assurance and additional technology
- Contacts being made to gather more information on risk assessment to further refine financial assurance options
- Tracking legislation for potential impacts on Wyoming program



Where We Want To End Up

- With a documented structure in place to support geological sequestration of CO₂ in Wyoming
- With financial assurance tools to both facilitate the carbon sequestration process and adequately protect the environment
- All to support continued operation of the carbon based fuel extraction industries in Wyoming
- These efforts coupled with continued research and expansion of renewable energy projects and energy transmission capability in the state