



SUPPORT THE SAFETY MORATORIUM ON CARBON DIOXIDE PIPELINES ACT

HB 4835 (Moeller) and SB 3441 (McClure)

CO₂ pipelines have been proposed in 23 Illinois counties, and more are on their way. The federal Pipeline and Hazardous Safety Materials Administration (PHMSA) has yet to complete new rules that will improve safety and oversight. In addition, no standards exist to ensure CO₂ pipelines are set back far enough from homes and other occupied buildings to allow self-evacuation or rescue if a CO₂ pipeline were to leak or rupture.

Why should we be concerned about CO₂ pipelines?

- All pipelines leak or rupture. But CO₂ pipelines carry an asphyxiant. At high concentrations CO₂ can cause **brain damage** or even **death** in a matter of minutes.
- A rupture of a CO₂ pipeline can cause **deep craters** at the site of the rupture and hurl broken pipe and other debris into the air. A CO₂ release can last hours, and a toxic plume can **travel more than a mile**.
- Because **CO₂ displaces oxygen**, a rupture or leak could make self-evacuation or rescue nearly impossible. Why? **Internal combustion-powered engines won't run**.
- The U.S. Department of Energy claims as many as **96,000 miles** of CO₂ pipelines could be built across the country by 2050 as part of carbon capture and sequestration projects (CCS). This includes Illinois, a target for CCS, and will **place residents at risk**.
- There are **no funding** mechanisms to provide first responders the **training and equipment** they need to ensure a safe and **successful rescue** of Illinois residents in the event a CO₂ pipeline leaks or ruptures.
- There is **limited opportunity** for residents and communities to engage in the approval process of these hazardous pipelines and, if approved, **eminent domain authority** can be given to a private company to take their land.

What can you do? Support the Safety Moratorium on Carbon Dioxide Pipelines Act!

This bill temporarily stops CO₂ pipelines and allows Illinois the time it needs to develop regulations that will protect its residents. The moratorium will expire when one of the following happens:

- PHMSA **adopts new rules** to improve safety and oversight of CO₂ pipelines AND State agencies complete a setback study and create criteria for **safe setbacks**; *OR*
- The General Assembly passes a **comprehensive CCS bill** that maximizes protections for Illinois residents' health, safety, land, and water. This bill would provide for **safe setbacks, funding and training** for first responders, and **eliminate eminent domain** for CO₂ pipelines. This bill would also regulate carbon capture and sequestration projects in addition to CO₂ pipelines; *OR*
- **Four years** have passed.



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The U.S. is expanding CO₂ pipelines. One poisoned town wants you to know its story

... they heard a boom and saw a big white cloud shooting into the evening sky... Brown gathered her young grandchild and great-grandchildren she was watching, took them into her back bedroom, and got under the quilt with them. And waited. "They didn't come," Brown says. "Ten minutes. I knew they would've been here in five minutes, but they didn't come." Little did she know, her sons and nephew were just down the road in the Cadillac, unconscious, victims of a mass poisoning from a carbon dioxide pipeline rupture. As the carbon dioxide moved through the rural community, more than 200 people evacuated and at least 45 people were hospitalized. Cars stopped working, hobbling emergency response. People lay on the ground, shaking and unable to breathe. First responders didn't know what was going on. "It looked like you were going through the zombie apocalypse," says Jack Willingham, emergency director for Yazoo County.