

High Pressure & Corrosion

In order to transport carbon via pipeline, it must be liquified and pressurized at 3 times the rate of natural gas.

Gas = 200–1500 psi
CO2 = 1200–2800 psi

If water is introduced from any of the facilities that feed carbon to the pipeline, the mixture is even more corrosive and prone to fail.

A video of a “controlled” intentional rupture of a buried, 8-inch CO2 pipeline at a facility in Norway (Det Norske Veritas) shows a shockingly intense and large plume of CO2 rapidly dispersed throughout a wide surrounding area.

https://youtu.be/Z0cwZHq_n3U?t=678

Eminent Domain Abuse

Landowners may have little say whether a carbon pipeline can be built on their property. With almost zero regulation for these new pipelines, the final negotiations might end up being directly between these corporations and landowners, who are facing indiscriminate eminent domain condemnation of their property if they refuse to sign an easement.

In Iowa, some 19 counties so far have passed resolutions or ordinances opposing the use of eminent domain and voicing other concerns about these proposed carbon pipelines.

The wealthy owners of the pipeline companies and the Iowa Utilities Board members seem unconcerned about the safety of the Iowans who will live with the deadly hazards they want to create.

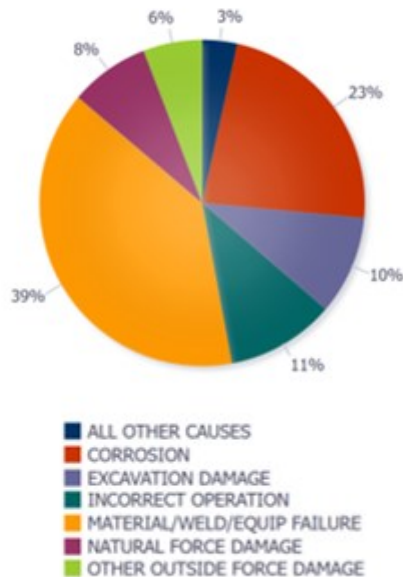
Iowans speak up!

**You can't see it.
You can't smell it.
It's heavier than
air
But
It can make you:
Dizzy
Short of Breath
Vomit
Unconscious
DEAD**



Pipelines Leak!

In 2021, there were a total of **631** “incidents” in which pipelines were damaged and/or leaked in the US, including material failure and corrosion. Liquefied CO2 is more corrosive and under higher pressure than were most of the materials in the failed pipelines.



U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration, www.phmsa.dot.gov

Coming to locations throughout Iowa

Risky high-pressure pipelines carrying liquified CO2

A leak or rupture of a CO2 pipeline results in an explosive plume of potentially lethal CO2 that can suffocate all living beings in a matter of minutes.

Vehicles won't start so escaping the toxic cloud is nearly impossible.

First responders need special equipment and training to help others and to protect themselves.

Top 8 Reasons to Oppose Risky Carbon Pipelines by Mark Hefflinger, Bold Nebraska News, Dec 22, 2021

Ask the people of rural Mississippi about a CO2 pipeline

A CO2 pipeline in Satartia, Mississippi ruptured last year. “Within minutes, people were inside the cloud, gasping for air, nauseated and dazed. Some two dozen individuals were overcome within a few minutes, collapsing in their homes; at a fishing camp on the nearby Yazoo River; in their vehicles. Cars just shut off, since they need oxygen to burn fuel. Drivers scrambled out of their paralyzed vehicles, but were so disoriented that they just wandered around in the dark... Even months later, the town’s residents reported mental foginess, lung dysfunction, chronic fatigue and stomach disorders. They said they have trouble sleeping, afraid it could happen again.”

The Gassing Of Satartia, Huffington Post, August 2021, www.huffpost.com/entry/gassing-satartia-mississippi