

From: Deb Freeman [REDACTED]

Sent: Saturday, December 21, 2024 6:37 AM

To: PUC-PUC <PUC@state.sd.us>

Cc: Deb Freeman [REDACTED]; Emma Schmit [REDACTED]

Subject: [EXT] Summit Carbon pipeline

Dear PUC board members,

Please find attached a Fact sheet of Summit Carbon Solution's unsafe, underregulated project.

In addition,

Summit has refused to provide details of the plume study and hazards to farmland, people and ongoing crop yield decreases -- more than the payouts of 3 years.

Insurance companies will not insure land with a hazardous CO2 pipeline.

Land values will decrease and therefore the annual tax base will decrease.

The ongoing risk of having an asphyxiant running under private property will cause undue stress and reduce any planned improvements to private property.

There is no way for a private landowner to benefit from this private company.

Summit is only able to give general answers to questions at their informational meetings, their answers have not changed in the last 18 months, which leads me to wonder why.

Environmental Impact Studies, by environmental professionals (not Summit hired personnel) are needed, before a route is determined. Instead of just drawing a line on a map, connecting the dots of ethanol plants.

Thank you for your time in this matter.

Sincerely,

Debra R Freeman

[REDACTED]
St. Ansgar, Iowa 50472

Landowner involved with Summit Carbon Solutions
[REDACTED]

7/24/24 Fact Sheet; Summit Carbon Hazardous CO2 Pipeline

1. The CO2 pipeline is considered hazardous because the pressurized **CO2 is an asphyxiant** that is transported at

2100-2700 psi (pounds per square inch pressure), depending on pipe diameter. When released, an asphyxiant

depletes oxygen, and can kill anything that needs oxygen to survive (humans, livestock) or operate (automobile

engines).

2. Summit Carbon LLC (and owners Bruce Rasetter and Lee Blank) want to take **3.3 billion gallons of water each**

year from the Jordan Aquifer, the purest of water. The water many cities and people rely on.

3. Summit is demanding **forever** easements, taking property from landowners forever, no matter who they sell the

pipeline to or how long the pipeline operates.

4. The pipe will only be **¼ inch thick in most places**, made of carbon steel. Carbon steel is subject to corrosion.

The pipeline will be buried 4 - 6 feet deep,(negotiated), prompting concerns about damage to tile lines and risks

from sinkholes. Crossing creeks and streams is also a concern because pinhole leaks will acidify water (CO2 and

water = carbonic acid) and jeopardize aquatic life.

5. Shut off valves on the pipeline will be **2 - 20 miles apart, operated by a computer.**

In case of a leak, the

computer is intended to shut off the valves, however the leak will continue until the 2-20 miles of pipeline is

emptied. Leaking into the ground and traveling to the lowest areas, killing as it travels, some CO₂ will plume to the

surface, under pressure. Some will reach groundwater. The recent (Archer-Midland-Daniels) ADM storage leak in

Illinois went undetected by the monitors, for weeks.

6. Summit is only agreeing to compensate for 3 years of crop loss, despite the fact that more than 10 years of crop

production decreases over the easement area in other pipeline installments.

7. Karst topography, uneven underground limestone, with many **sinkholes** that may destabilize the pipeline, adding

to the risk of rupture. Many areas of the pipeline route have similar geology.

8. Using the pipeline to sequester CO₂ and store it underground has potential to increase geological instability.

Using CO₂ for oil fracking to extract more oil from underground shale will increase fossil fuel use and not correct

the climate crisis. Using taxpayer money for this Boondoggle is not a public service.

9. Summit LLC **has not** built or managed ANY pipeline, not even 1 inch, let alone the “world’s largest” hazardous

supercritical CO₂ pipeline. South Dakota’s people, farmlands and waterways will become a high risk practice site.

10. Eminent domain **has not been permitted, for most of the route.** Summit personnel have not been honest

about surveys. Legal representatives state there is no reason to allow a survey or sign easements until the legal

appeals and political mandates are established and complete.

11. There are **better, less destructive, ways** to reduce carbon release. Cover crops, planting trees, reduced till,

using prairie grasses all help to store carbon.

12. **Ethanol plants will continue to operate.** Corn growers will continue to develop improved methods of farming

with low carbon crops. Iowa land and water will then be protected from greed and pipelines. Poet in South Dakota

has a large airplane hanger with numerous private jets, one so large it does not fit in the hanger. Do they really

need taxpayer money? Do they need to take private land?

13. Pipeline Safety Trust (pstrust.org) reports the **highest number of pipeline incidents occurred in 2023.** CO2

Pipelines are underregulated, unsafe, and unproven to reduce climate pollution.