

From: Julia Fosdick [REDACTED]
Sent: Thursday, August 24, 2023 7:35 PM
To: PUC-PUC <PUC@state.sd.us>
Subject: [EXT] Comment to docket HP22-003 Navigator Heartland Greenway

I would urge the PUC to deny this permit. I am a landowner in Illinois in an area where Navigator proposes to sequester CO2. This is a brand new technology and only 2 class 6 well permits have ever been issued by the EPA. Both of these are in Illinois. Because this technology is so new, there is no way to have any idea what the longer term effects of forcing high pressure CO2 into the geologic formation and displacing the existing saline. The overall increase in pressure in the formation will likely put pressure on the cap rock. No one knows if the CO2 will stay in that formation long term. Only a small amount of CO2 has been sequestered to date in this formation. It is unknown how much seismic activity would be caused by a large amount being sequestered from the Navigator pipeline.

We do have experience in Illinois with natural gas stored in this same formation. It has caused fractures in the capstone and significant leakage to the surface.

The only CO2 pipeline in the US transporting CO2 to a sequestration well is less than a mile long. It is absurd to think that the next logical step is to transport dangerous super-critical phase CO2 over a thousand miles. I have not seen definitive information that this process would even be carbon neutral, let alone reduce the atmospheric CO2.

I do not want to risk my land and our aquifers and our citizens to accept CO2 from this pipeline. There are better ways to improve our environment that are more effective.

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