

March 30, 2023

City of Dyersville
340 1st Avenue E
Dyersville, IA 52040

In re: CO2 Hazardous Pipeline

Mayor Jacque and Council:

I first became aware of the CO2 hazardous pipeline when I received a letter threatening to use eminent domain to cross our family farm in Sioux County. After researching the matter, I became aware of just how hazardous that pipeline would be for Iowans. Since the pipelines are not required by law to inform towns along the route of the locations or even the existence of this project, let alone the danger to residents, I want people to know the facts.

A rupture of the compressed CO2 pipeline that crosses your county, would create a danger area measured in miles rather than feet, depending on the weather conditions, the pipe diameter and the lay of the land. The CO2 is compressed into a liquid under at 2,000 psi. A rupture would result in the release of at least 20 miles of compressed CO2, since the shut-off valves are spaced 20 miles apart and controlled from Ames, Iowa. Currently, the closest CO2 Hazard responders are in Mason City. Neither Summit nor Navigator have been forthcoming with either an Emergency Response Plan or risk assessment.

Compressed CO2 is a colorless and odorless asphyxiate and intoxicant - all factors which pose a critical risk to your fireman, first responders and law enforcement not to mention the citizens of Dyersville and the surrounding area. The release first presents itself as dry ice with temperatures of -31 C. Under these pressures, the hybrid gas/liquid supercritical nature of CO2 presents unique safety concerns. In that phase it can flow through porous rocks and dissolve into oil and water. CO2 contaminated with even a small amount of water becomes carbonic acid. Since there is not sufficient oxygen for combustion engines, sophisticated equipment and extensive training is required to handle any hazardous pipeline explosion.

The Navigator hazardous CO2 pipeline crosses Delaware County with 25 miles of 8" pipe. The crossing of 2 primary roads and 22 secondary roads will result in destruction of county and city property. When combined with the cost to equip and train your fire fighters, law enforcement and first responders your citizens will be paying out big dollars for a pipeline that doesn't benefit them. Navigator, this private, for profit business, will receive tax credits in the amount of \$1.2 billion annually - that is \$3.5 million per day, \$145,547 per hour, \$2,425 per minute. All this while our local fire departments raise funds for equipment through pancake feeds and chili suppers.

I encourage towns and their residents to file letters objecting to these projects. The Delaware County Supervisors have filed a formal objection to this project, with Iowa Utilities Board. Your filing of an objection would support their stand, send a strong message to the IUB and let citizens know you have their best interests in mind.

I have provided video links with more information on compressed CO2 hazardous pipelines as well as maps and a link to the IUB objection site. If I can assist you in this matter please contact me: okobojidoroathy@yahoo.com or 402-290-0972. ~ Thank you.

Sincerely,

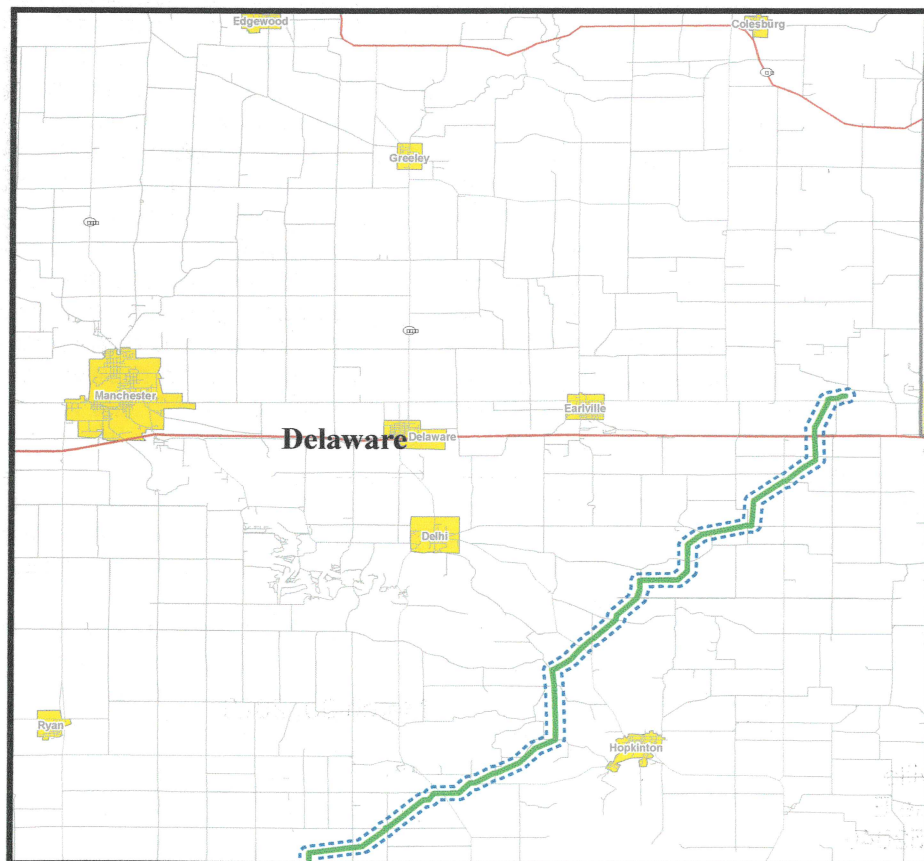


DOROTHY D. SLOMA

SEARCH THESE TOPICS FOR VIDEOS:

- (1) CO2 Pipeline Safety: "The Gassing of Satartia, MS & Aftermath
- (2) Dense phase CO2 8" NB pipe rupture
- (3) <https://efs.iowa.gov/efs/ShowCommentsAndObjections.do?displayScreen=create>

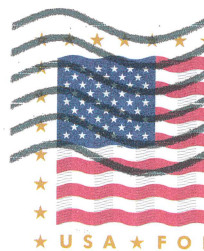
NAVIGATOR
HEARTLAND
GREENWAY
IUB DOCKET
NUMBER
HLP-2021-0003



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SIOUX FALLS SD 570

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