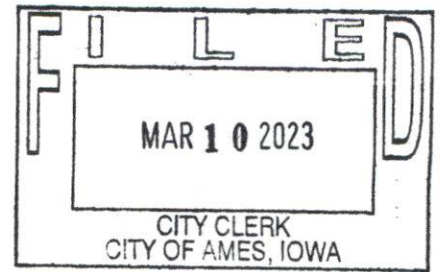


City of Ames
P.O. BOX 811
515 Clark Avenue
Ames, IA 5010

March 8, 2023



In re: Hazardous CO2 Pipeline

Mayor Haila and Council:

I became aware of the CO2 hazardous pipeline when I received a letter threatening to use eminent domain to put the project across our farm in Sioux County. After researching the matter, I am far more concerned about a pipeline explosion endangering our citizens. 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.

An explosion of either of the two pipelines that cross your county, could create a danger area of 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 least 2,000 psi. A rupture would result in the release of at least 20 miles of compressed CO2. The release first presents itself as dry ice with temps of -31C. Shut-off valves will be 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 Ames and the surrounding area. 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, corrosive to the pipe. Combustion engines will not run due to lack of oxygen, so sophisticated equipment and extensive training will be required to safely handle a pipeline rupture.

These projects are very invasive in Story County. Between the two pipeline projects there will be 56 miles of pipe crossing 4 primary roads, 56 secondary roads and 4 railroads. The Summit pipe diameter will be 12" while the Navigator pipe is primarily 20" diameter. In addition, Navigator will have 2 Launch/Receive points, for inserting test equipment into the pipeline, requiring 3 acres of land each. All this adds up to extensive 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. According to Summit pipeline brochures, this private, for profit business will receive tax credits in the amount of \$1Billion annually - some of which goes to international investors and nothing to local governments.

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

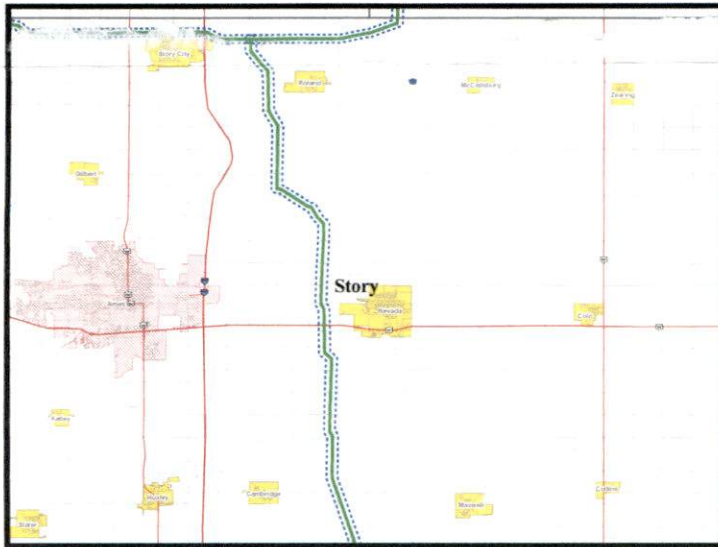
Thank you for reviewing this matter. I have provided video links with more information on compressed CO2 hazardous pipelines as well as maps and a link to the IUB objection site. If I can be of any assistance in your consideration of this matter, please contact me.

Sincerely,


Dorothy D. Sloma
402-290-0972

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

SUMMIT
CARBON
SOLUTIONS
IUB DOCKET
NUMBER
HLP-2021-0001

