

From: Betty Strom [REDACTED]
Sent: Saturday, July 22, 2023 3:51 PM
To: PUC-PUC <PUC@state.sd.us>
Subject: [EXT] Docket HP22-002

Comments to docket number HP22-002 Betty Strom [REDACTED]

[REDACTED] St Sioux Falls SD 57106 [REDACTED]

Environmental impact These CO2 pipelines will not reduce the environmental impact. Subtract the use of fossil fuels used to make the steel pipe, dig the trench and install and weld the pipe, pressurize the CO2 to 2100 psi. That alone cancels out any environmental value of a CO2 pipeline to sequester CO2. Also, all of the fuel used by Pipeline Project personnel to pre-convince ethanol plants to sign contracts, lobby County Commissioners, and States Attorneys, to appear and ghost landowners at planning and zoning and county commission meetings. to meet separately to coerce and make donations to state and local politicians, local chamber of commerce and other local groups including schools, and to harass landowners time after time, serve papers to sue landowners for surveys, the 7 or more pickup crews plus big equipment to do surveys, and then send out servers with condemnation Eminent Domain papers. Lots of fossil fuel! No this is not an environmentally friendly project. It's a project to line the pockets of private out of state LLC's and their investors with huge tax credits. i.e. yours and my tax dollars.

Plume modeling These Pipeline Companies tell us the plume modeling is a trade secret. If it wasn't dangerous they would be showing it everywhere to make their case. Plume modeling that is available shows how dangerous a CO2 pipeline fail would be. A break in the pipeline can harm or kill plants, animals and humans within up to 4 miles away. Local Emergency Teams will not react because they do not have the equipment or training and Hazmat Teams will not be able to reach the area in time. They will just need to bring body bags. The Pipeline Companies call this collateral damage. Remember most of these

pipelines are in rural areas that will take lots of time to reach. So people close to the pipeline really don't matter? Their need to get billions in tax credits is more important?

Risk assessment Risk assessment should be required along the entire proposed pipeline. To my knowledge none has been done. Their claims of the safety of the pipeline are just that - CLAIMS!. Think about it. The main pipeline is 24 inches in diameter. It will carry semi liquid CO₂ pressurized to 2100 psi. The shutoffs are 20 miles apart. They claim they can detect a leak and shut down the line remotely from Ames Iowa. Even if it can be shut down quickly, and there is no guarantee that it will be, there is still 20 miles of highly pressurized CO₂ at 2100 psi that will escape. The proposed pipeline route on my land is just across the road from a farm family home, less than 1/4 mile from another family occupied farm home and approximately 3/4 mile down hill and down wind of another family occupied farm home. These families will have no chance to escape.

County and Township actions County Commissioners were threatened with legal action if they made ordinances for any setbacks from farms, homes, towns, schools, etc. At meetings they would not answer our questions nor take any action. In my County they finally said that they do not have any ordinances regarding pipelines and they don't intend to have any. They have now disbanded the Planning and Zoning Committee and given the sole control to the County Commission. Township boards have members that have already accepted the cash offers from the pipeline company and won't answer their phone or return a phone call. These "public servants" are only serving themselves.

Opposition to the project These CO₂ pipelines are a boondoggle. These Limited Liability Corporations are cashing in on tax credits to line their pockets. They have admitted that without the tax credits they wouldn't be building these pipelines. Landowners will not be able to do any future development in the areas where the pipelines are routed. No building or other improvements can be made in the pipeline easement.

This has a tremendous impact on future economic development for these agri businesses. Farmers and renters are afraid to cross the areas where this dangerous CO2 pipelines will be located due to the weight of today's equipment and possible soft ground or shifting of the pipe itself due to erosion or changes in the area. The landowners or the renters liability insurance is not valid for any problem that might occur with the pipeline. The easement says they will indemnify, but you can bet they will try to place blame on a tenant or someone else. Why are we supposed to try to help these pipeline companies find a different location. There is no location on my land that is suitable. These pipelines shouldn't even be built. PUC members told us during their listening meetings that we needed to get our County Commissions to do setbacks. Pipeline representatives have told them they will be sued if they try to do ordinances and some counties have been or are in the process of being sued. Some counties are counting on inflated amounts of tax dollars they think they will receive. So PUC members. You told us if the applicants checked the boxes you would have to give them their permit.

They have not checked the boxes! Applicant's burden on proof

Box 1. The proposed facility will comply with all applicable laws and rules;**Response:** Large CO2 pipelines are relatively new, and there are few specific CO2 pipeline regulations. US Department of Transportation PHMSA Pipeline and Hazardous Materials Safety Administration rules appear to be what is being followed. I was informed by PHMSA that the only specific CO2 rule is that CO2 must be transported in steel pipe. In SD CO2 was quietly added to the other pipeline rules a few years ago with little public knowledge. These LLC's have little or no previous experience constructing extremely hazardous CO2 pipelines. CO2 pipelines that are among the largest yet proposed or built. This is unproven technology with potential disastrous results. PHMSA the federal regulatory agency is only beginning to work on CO2 regulations due to the horrible rupture in Satartia Mississippi. if you want to check it out, there is a 269 page report on this disaster at the US Department

of Transportation website. Why is the PUC even undergoing the permitting process when PHMSA, the agency who is in charge of regulating the safety of these pipelines, recently stated that the pipelines are under regulated and is currently in the process of rule making for CO2 pipelines? Shouldn't we wait until PHMSA finishes its work in order to consider these CO2 projects until there are rules specifically for CO2? The permitting time has been extended indefinitely before. These pipelines have defied the laws of South Dakota. There are many cases, including on my land where the tenant/renter was not notified and given 30 day notice for the survey to take place. When the Sheriff was called, the states attorney told them not to respond. Why are they allowed to trespass on my land when they haven't notified my tenants?

Box 2. The facility will not pose a threat of serious injury to the environment nor to the social and economic condition of inhabitants or expected inhabitants in the siting area. Response: Is CO2 really a utility? Utilities are for public use. We will not be using the CO2 in these pipelines. This is a dangerous pipeline, that carries extremely hazardous highly pressurized CO2 that presents a threat of serious injury and death to humans and animals, as well as toxic contamination of water and soil. The land doesn't recover and the environmental impact is canceled because of the fossil fuel and the amount of water needed to collect and pressurize the CO2. Not to mention the fossil fuel and materials used to build the pipeline. There is a serious threat to the social and economic condition of current and future inhabitants in the siting area due to the loss of peace of mind. The impact of stress and worry about the health and safety has already been inflicted on landowners, operators, first responders and people living in the areas near the proposed pipeline routes. If these pipelines are built it will be an every day fear. All pipelines leak. There will be a serious incident at some point in the future. Neither my or my tenants Liability Insurance will cover any liability connected to the CO2 pipeline.

Box 3. The facility will not substantially impair the health, safety or welfare of the inhabitants; Response: This extremely hazardous CO2 pipeline project will substantially impair the health, safety and welfare of the inhabitants of the area within feet or miles from a leak or accidental puncture. Pressurized CO2 is an extremely dangerous, hazardous asphyxiant. It's not just small leaks, but most often when CO2 pipelines rupture a zipper affect happens and an entire length of the pipeline splits open. This means even if the valves that are 20 miles apart have been closed, the entire contents will spew out and form a low lying cloud. At 2100 psi that will be some cloud. Really, it will just disperse? The Netherlands rupture modeling indicated possible dangerous levels from 1-4 miles. To live next to these pipelines knowing there is a constant threat is stressful. As a landowner I can't sleep at night knowing my neighbors will live next to this threat.

Box 4. The facility will not unduly interfere with the orderly development of the region with due consideration having been given the views of governing bodies of affected local units of government.

Response: The CO2 pipeline will substantially impair land use, value and future development in both urban and rural areas. The landowner cannot add additional storage buildings, or consider a business enterprise such as green houses or animal production buildings or shelters near these pipelines. The burden for providing adequate safety equipment, to obtain transportation that can operate in a CO2 emergency and to provide appropriately trained CO2 Emergency Response Teams will be placed on local units of government. The PUC has told us that it is up to the County Commissions and Planning and Zoning to determine setbacks or other regulations. However, the problem is these out of state LLC's have hired representatives to threaten to sue and are suing counties if they impose any regulations or moratoriums to allow time to research and develop these regulations. **I repeat, none of these boxes should be checked for these CO2 pipelines and these permits should be denied.**

