

Carbon Capture: Another Snake in the Grass

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Carbon Capture Threatens:

- Individual Health
- Equitable Communities
- Climate Goals



Photo Credit: Sanya Mansoor, TIME, 2/23/20

CO2 Is Hazardous to Human Health

'Foaming at the mouth': First responders describe scene after pipeline rupture, gas leak



Sarah Fowler

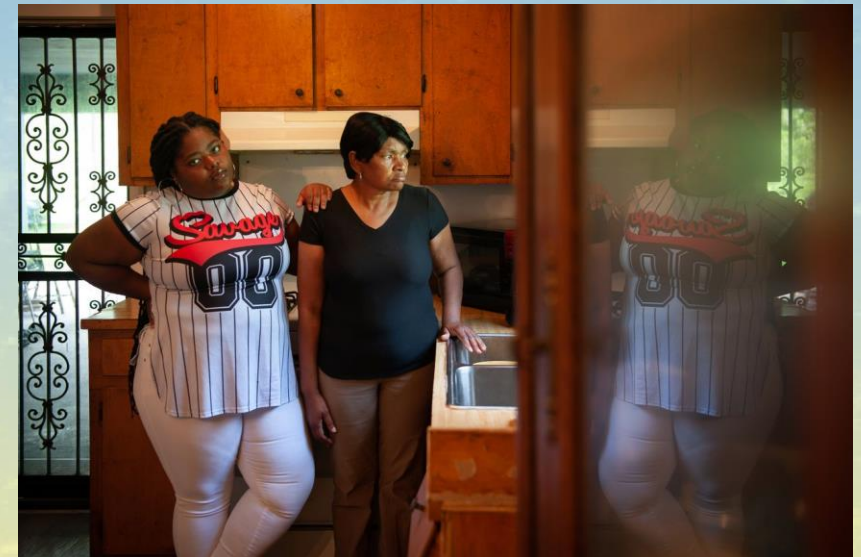
The Clarion-Ledger

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- CO2 is an asphyxiant; a February 22, 2020 CO2 pipeline rupture in Satartia, Yazoo County, MS required the evacuation of 300 residents and the hospitalization of dozens
- Exposure to concentrated CO2 can result in:
 - Increased respiratory rate
 - Increased heart rate
 - Hypertension
 - Cardiac arrhythmia
 - Delirium

CCS Will Have Disproportionate Affects on Black and Native Communities

- Carbon capture and storage will require construction of thousands of miles of new pipelines, as well as new industrial facilities; we know from experience with oil and gas pipelines and the petrochemical industry that these projects will be sited primarily in low-income communities of color
- Pipeline transport requires CO2 to be highly pressurized, even more than methane; CO2 at such high pressurization corrodes steel, increasing risk of rupture



Pictured, left to right: DeEmmeris Burns, Thelma Brown, Makaylan Burns, Linda Garrett; Photo credit: Rory Doyle for HuffPost, 8/26/21

CCS Is a False Industry Promise

- Carbon capture and storage projects have consistently overpromised and underperformed, when they have not failed completely
- CCS benefits the same petrochemical and pipeline companies that are behind our climate challenges
- CCS does not remove carbon from the atmosphere, but instead captures a small percentage of the carbon emitted by industrial processes, while doing nothing to abate co-pollutants
- Long-term geological carbon storage is completely unproven



Photo Credit: Air Products

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