

For the health and safety of our communities, **STOP Montezuma CarbonHub!**

The Montezuma NorCal Carbon Sequestration Hub proposes to drill an injection well near the Montezuma wetlands, across Suisun Bay from Pittsburg & Antioch. Dangerously compressed carbon dioxide (CO₂) from fossil fuel facilities around the Bay would be collected and transported by barge and pipeline to the injection site, ultimately expanding the lifespan of the dirty facilities and putting communities and the environment at risk.

A Failed, Expensive Technology

- It is vital to cut carbon emissions, but this carbon dumping scheme is not the answer.
- Carbon Capture and Storage (CCS), or carbon dumping schemes, are a flawed and inefficient technology that has repeatedly overpromised and under-delivered on its capture rates while providing cover for dirty industries.
- The fossil fuel industry is counting on carbon storage as a scheme to continue extracting and refining fossil fuels. It requires vast amounts of energy and lengthens the lifespan of fossil fuel facilities.
- Instead, we need to focus on the real climate solution: phasing out fossil fuel facilities.

Risking Catastrophe

- Any rupture in a CO₂ pipeline would be a public health catastrophe. When carbon dioxide leaks into the air, it stays low and spreads quickly as a dense, white fog. It can lead to asphyxiation, seizures, loss of consciousness, and potentially death.
- California has no safety regulations in place for CO₂ pipelines, and federal rules are inadequate. Carbon dioxide pipelines are simply too big a risk, particularly in our earthquake-prone state.

A Threat to Biodiversity

The Montezuma Wetlands project is supposed to restore 1800 acres of tidal wetlands in the Delta ecosystem and protect endangered species. Drilling an injection well and building pipelines near this sensitive habitat would damage local ecosystems and threaten wildlife.

There's a Better Way

Instead of allowing the fossil fuel industry to keep polluting, we should switch to safer, cheaper, and proven renewable energy sources. Our priority needs to be an immediate community-driven just transition away from fossil fuels.

Negative Public Health Impacts:

- Carbon Waste Dumping poses significant threats to public health because of the risks associated with compressed carbon dioxide leaking from pipelines and injection wells.
- The Montezuma CarbonHub is proposed near communities that are already disproportionately burdened by pollution in Solano and Contra Costa Counties.
- In 2020, a carbon pipeline ruptured in Sartartia, Mississippi. The CO₂ stopped emergency vehicles in their tracks, as it displaced the oxygen needed for fuel combustion. It sent 49 people to the hospital, and many victims still experienced symptoms months later.
- Carbon capture will subject frontline communities to more pollution. We already know that children playing near fossil fuel power plants are at greater risk for asthma and other respiratory illnesses.

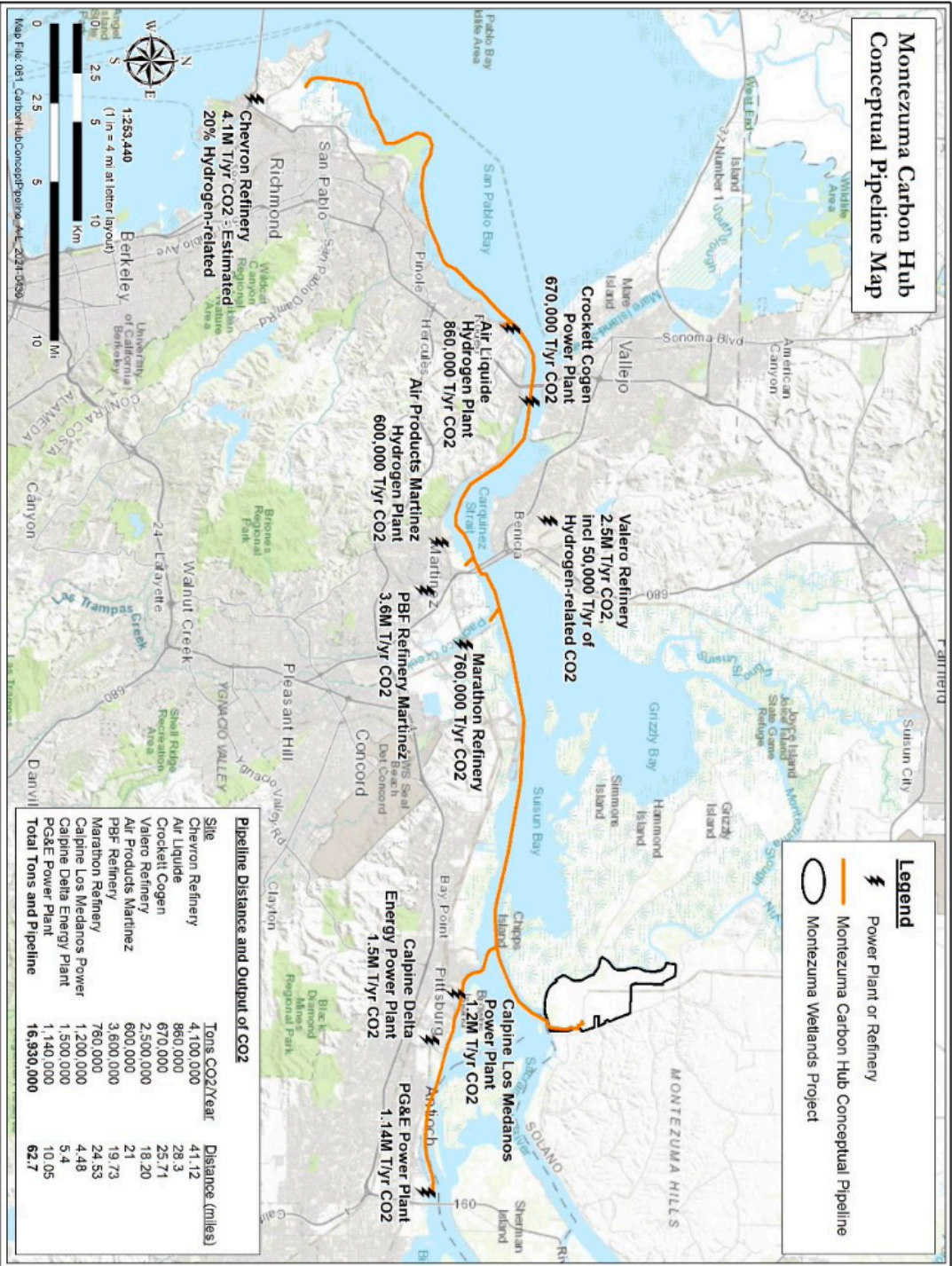


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Contact us at BayAreaCACTI@gmail.com

FIGURE A-2. REGIONAL FACILITIES CO₂ MAP & POSSIBLE PIPELINE ROUTE (UPDATED DRAFT)



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A Failed, Expensive Technology

- It is vital to cut carbon emissions, but this carbon dumping scheme is not the answer. Worldwide, such projects have failed or are underperforming — despite billions of dollars spent on developing the technology.
- The fossil fuel industry is counting on carbon storage as a scheme to continue extracting and refining fossil fuels. It requires vast amounts of energy and lengthens the lifespan of fossil fuel facilities.
- New science data on safety risks and less than desired carbon reductions point to the urgent need to focus on the real climate solution: phasing out fossil fuel facilities.

Risking Catastrophe

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- California has no safety regulations in place for CO₂ pipelines, and federal rules are inadequate. Especially here in our earthquake-prone state, carbon dioxide pipelines are simply too big a risk.

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There's a Better Way

Instead of allowing the fossil fuel industry to keep polluting, we should switch to safer, cheaper, renewable energy sources. All that money going to carbon waste dumping would be much better spent on building solar arrays and wind farms—and retraining displaced fossil fuel industry workers.

Negative Public Health Impacts:

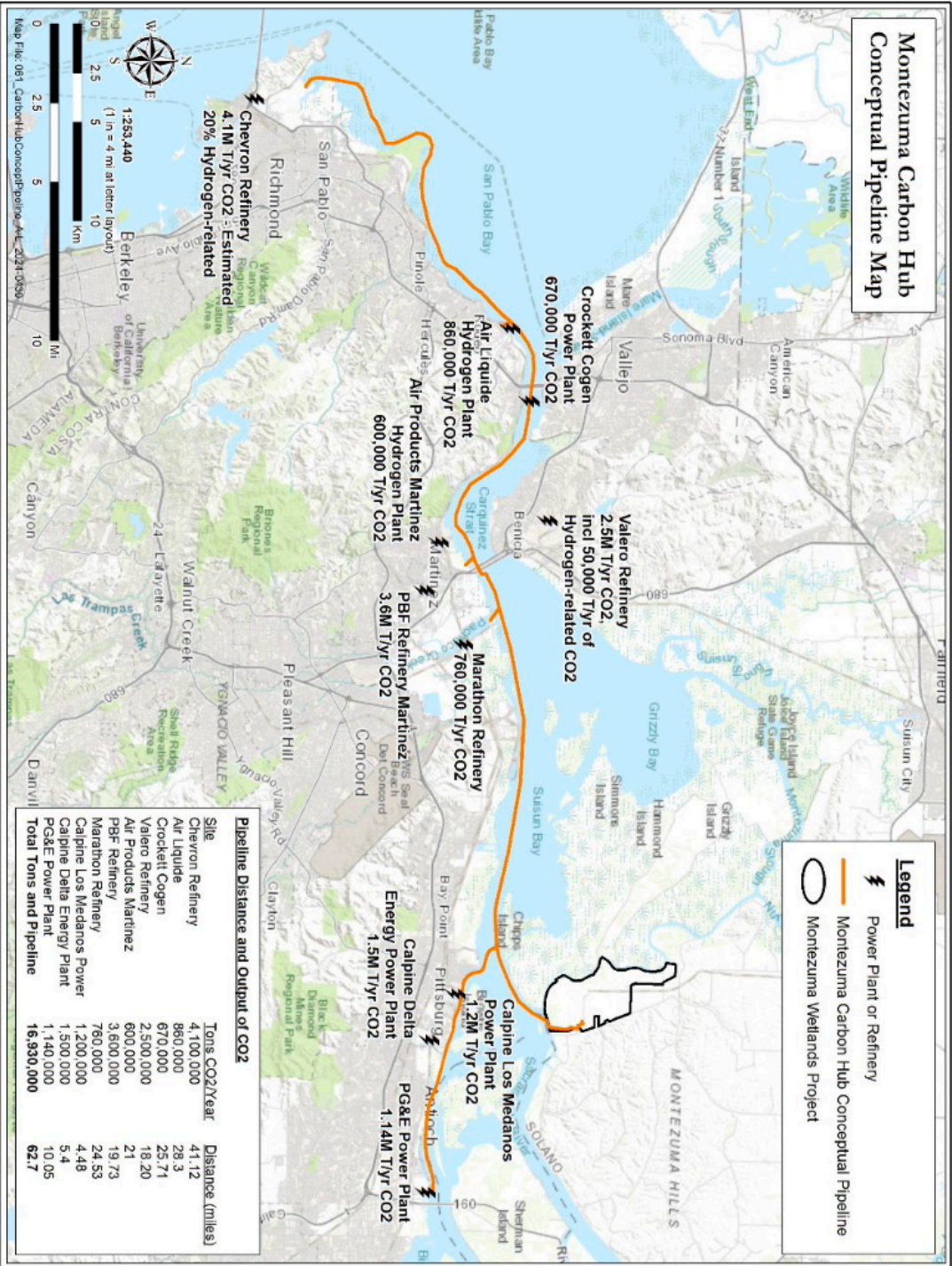
- Carbon Waste Dumping poses significant threats to public health because of the risks associated with compressed carbon dioxide leaking from pipelines and injection wells.
- Because compressed CO₂ is more dense than oxygen, pipeline leaks displace the oxygen in air we breathe leading to asphyxiation, seizures, loss of consciousness, and potentially death.
- In 2020, a carbon pipeline ruptured in Satartia, Mississippi. The CO₂ stopped emergency vehicles in their tracks, as it displaced the oxygen needed for fuel combustion. It sent 49 people to the hospital, and many victims still experienced symptoms months later.
- Carbon capture will subject frontline communities to more pollution. We already know that children playing near fossil fuel power plants are at greater risk for asthma and other respiratory illnesses.

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