

# PUBLIC SUBMISSION

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Marquis Carbon Injection

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Comment submitted by Rachael Blomquist

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## General Comment

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The very presence of injected CO<sub>2</sub> creates a potential risk to community drinking water. A magnitude 3.6 earthquake occurred near Standard, Illinois, nearly two years ago; however, Marquis Energy's permit application documents reference this event as having a magnitude of only 3.1. Standard is located approximately 6.7 miles southeast of the proposed injection well—well within the project's 29-mile Area of Review (AoR). The earthquake originated about 2.9 miles below the Earth's surface and was felt as far away as southern Wisconsin, southeastern Iowa, and northwest Indiana. Given this seismic activity, the U.S. EPA must ensure that Marquis Energy is held fully and financially responsible for any mitigation costs resulting from earthquakes or seismic events that cause cracks, well damage, or the creation of new pathways that could allow CO<sub>2</sub> to migrate into drinking water sources. Without the injection and sequestration of CO<sub>2</sub>, this particular risk would not exist; therefore, it is imperative that safeguards and financial assurances be in place before project approval.