

**From:** [REDACTED]  
**To:** [+WPG725 - Clean Environment Commission](#)  
**Subject:** Sio Silica project constituent concerns  
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Manitoba Clean Environment Commission

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I am writing this letter as a concerned citizen of the Rural Municipality of Springfield about the proposed Silica Sand operation near Vivian Manitoba.

Some might say you don't understand the interdependence of a system until it fails.

It's only when it fails that you can see the cascading effects. Is there a risk pay off that is desirable given the potential catastrophic consequences of Sio Silica's actions such as reduced ability to manage aquifers individually, overdevelopment and salt water intrusion; increase in fracture density from operations; collapse of the shale aquitard and fractured limestone in the Carbonate Aquifer; the creation of perpetual pathways for groundwater contamination and potential irreversible harm caused by contaminated drinking water? Who is the potential pay off going to?

Findings of the Manitoba Clean Environmental Commission's technical advisors confirm that the material omissions and deficiencies in the Sio Silica's application are such that the project's environmental risks, including likely cumulative effects, cannot be known.

The Manitoba Environmental Commission must do its moral due diligence for Manitoba citizens to assess environmental risk in consideration of information brought forth by public hearing participants to engage in a more thorough risk management and analysis process.

Considering the lack of collaborative governance and oversight thus far with potential irreversible harm to public health and critical infrastructure, I as an educated constituent urge decision makers to use a precautionary approach with this proposed project.

There can be no tolerability when considering the public health impacts of contaminated drinking water, the mental health surrounding safe drinking water, sense of security in a community and the long term consequences through a population health lens. Our governments have the obligation to prevent threats from unsafe and toxic water conditions and

adequate standard of living conditions. All levels of government, private corporations, community based organizations, and citizens must work together to ensure that our critical infrastructure can support safe drinking water now, for generations that come after us.

Sincerely,

Tracey McCulloch

References:

Bisset, B., & Mills, B., Quigley, K., (2017). Too critical to fail: how Canada manages threats to critical infrastructure. Montreal: McGill-Queens University Press

Manitoba Clean Environment Commission. Silica Sand Extraction Project. <http://www.cecmanitoba.ca/.../silica-sand.../index.html> .

Salvadori, M., Sontrop, J., Garg, A., Moist, L, Suri, R., Clark, W., (2009). Factors that led to the Walkerton tragedy, *Kidney International*, Vol 75, 112, pages S33-S34

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