

From: [REDACTED]
[+WPG725 - Clean Environment Commission](#)
Subject: Sio Silica Clean Environment Commission Hearing.
Date: March 19, 2023 10:51:01 AM

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ATTENTION: ce courriel provient d'un expéditeur externe. Ne cliquez sur aucun lien et n'ouvrez pas de pièce jointe, excepté si vous connaissez l'expéditeur.

Firstly, I am against Sio Silica pursuing a silica sand extraction project in the province of Manitoba.

The Aquifer is the only freshwater source available for SE MB. Water is life. With no water there will be no life! I am very concerned for the people and the environment being affected by this unsubstantiated method of extracting silica sand. There are so many bodies of water that can be affected and could potentially be contaminated by this drilling operation such as Lake Winnipeg, the Red River, Brokenhead River, Whitemouth River, the Brokenhead Wetlands, etc. All are connected.

Sio Silica estimates they would be drilling approximately 324 wells per year and over 24 years would be 7776 wells/holes into our precious aquifer and they say that this drilling will not affect the stability and contamination of the aquifer which so many communities rely on for their water supply. They say they will fill the wells once they finish with it, with a mixture of benzonite and cement. How can they 100% assure us that the aquifer will not de-stabilize or become contaminated with this unsubstantiated method of drilling?

Water well drillers do not mine out sand every 7 days. Well drillers don't leave thousands of cavities that create possible sources of contamination and sinkholes over an ever expanding area per year. Well drillers do not send aerated mined water back into the aquifer which can mobilize toxic heavy metals. Well drillers do not pass aerated mine water through a UV treatment system that may be ineffective because it has never been proven.

Because this method of extracting has never been proven, why would we allow Sio Silica to use the only aquifer in SE Manitoba as an experiment and risk the chance that our water be contaminated?? Not only contaminating the aquifer but because many bodies of water are connected could potentially contaminate all.

I am also concerned for the people living close to the plant dealing with dust from the sand, light and noise pollution that they did not have before.

I know I moved into the country for the peace and quiet, to enjoy the nature around me and for the beautiful views of the night sky. The people of Vivian and outskirts won't have that anymore if this extraction plant is approved by CEC.

I am also concerned that Sio Silica nor the government have no plans in place should the water become contaminated. This contamination is irreversible so again why would we allow Sio Silica to be approved for this extraction process??

So I am requesting that the Clean Environment Commission deny Sio Silica to move forward as I feel this will be the only way we can be assured that our water and the environment will

be protected.

I request an acknowledgement from the CEC that you have received my email. Thank-you.

Sincerely,

Druanne Naayen
Resident of Town of Beausejour

