

From: [REDACTED]
To: [+WPG725 - Clean Environment Commission](#)
Subject: silica sand extraction project
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Hello there,

I am writing you to voice my concerns about the Silica Sand Extraction Project. I read through most of the publicly available information on it and I've gone to one meet on it. I've talk some of people working for Sio Silica and I've to talked some others in our community. I've been thinking long and hard on it and believe I now know where I stand on the project.

I do not think there is anyway that Sio Silica can 100% guarantee that there will be no damage done to our auquifer and our drinking water. There seems to be many holes in their proposal and many potential risks and that are impossible to 100% mitigate. I am of the view that if it cannot be done with keeping our aquifer 100% intack, with no failures of the shale layer and mixing of the sandstone aquifer and the Lyme stone aquifers then this unacceptable. As well it seems unlikely that they have a process of pumping the water back into the aquifer and a process of pumping air into the aquifer that can 100% guarantee that there will be no bacterial contaminations to the aquifer. There still seems to be debate on if pumping oxygen into an oxygen free environment will change the chemistry down there and potential causes leaching of other materials into the aquifer.

Our drinking water is the most precious resource we have in our community and we take it for granted because there is such an abundance of it in Canada. I read that 2/3rds of the world now don't have access to clean drinking water and we wanted to risk ours with the mining of Silica Sand. Even if there is only a 1% chance of something bad happening to it that is still to high. If damage occurs to the aquifer it is irreparable and it may become a problem that could last for generations in our community. Our drinking water is to important to ever take any risk with and should be protected at all cost. If we managed and protect it we can have cleaning drinking water for many generations to come.

I keep hearing from multiple people who work for Sio Silica that there is always risk and reward and we have to weigh these things out. Well I see our community taking on unlimited risk and little if no reward will ever be felt or enjoyed by 99% or the community. So I have done my own risk/reward analysis and the juice is not worth the squeeze.

Please do everything in your power to not allow this project to move forward. It is impossible to predict what the outcome will be 25+ years down the line so let's not gamble with our water.

From,

Jayse Derraugh
Multi Generational Farmer in Springfield

