

CanWhite Sands – Sand Processing Facility Environment Act Proposal – File No. 6057.00

Public Comments Received From:

Mickayla Ziolkoski	JAYE Donohoe
Maja Crawley	Nicole Marie
Emily MacMaster	Stenice Taylor
Grace Carey	Lynne Sinclair
BONNIE BERRY	Darcy Armitt
Jess Soko	Kayla Say
Amanda Enns	Marco Gruwel
Asta Carvalho	Maureen Cooper
Matthew Cline	Laureen Say
Neil Cameron	Harry Holmes
Shian Rocan	Ginette Paillé
Kyra Silman	Brad Derksen and Nancy Rybak
Michelle Curry	Ricky Koswin
Marc Greene	Jennifer Engbrecht
Kassandre Maharajh	Danielle Sicotte
Irene Raabe	Kathryn May Wady
Kyla Enns	Akos Knowles
Sarah Boeckler	Jo-Anne Irving
Emma Carey	Brian Bear
James Worobec	Linda Hazelwood
Lorne Warkentine	Anne-Sophie Régnie
Lisa Thomas	Andrew Lindsay
Jesse Rodgers	Sharon Peters
Robert Régnier	Talia Bogaski
Ben Linnick	Chris Martens
Katie Hartle	Jade Raizenne
Richard Denesiuk	

We should not be mining our groundwater aquifers! Water is life.
Under no circumstance can we mine sand in Manitoba for fracking. All elected officials should take a stand against the expansion of this destructive process.
Unless this sand plant can prove it is not using the sand for fracking, it must not be given a licence.

Yours truly,

Mickayla Ziolkoski

Sand to operate this sand cleaning plant doesn't appear by magic and we need to have the sand mining included in environmental assessment.
Stage licencing is underhanded, secretive, and against the public interest.
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Yours truly,

Maja Crawley

Sand to operate this sand cleaning plant doesn't appear by magic and we need to have the sand mining included in environmental assessment.
Stage licencing is underhanded, secretive, and against the public interest. Why would the sand mining not be included in the environmental assessment? This is a gross misstep and completely against the environmental concerns of the Manitoban public.
Mining the sand from deep underground in the aquifer where it has been safely filtering our groundwater for thousands of years is a terrible idea. Water is sacred. Plus it needs to be filtered. We've seen how artificial filters (like those concrete ponds in the wealthier neighbourhoods) have continued to make our lakes dirtier and we already are seeing neurotoxins in lake Winnipeg. Canada is supposed to have fresh, clean water. You're ruining that for everybody in a time where the world is literally rationing fresh water because of lack of enough. Just because Canada has a lot of fresh water now doesn't mean projects like this won't devastate that in the future.
We should not be mining our groundwater aquifers! Water is life. We already have communities in Manitoba under boil advisories for years. Why are you trying to cause more harm to our water supplies?
Under no circumstance can we mine sand in Manitoba for fracking. All elected officials should

take a stand against the expansion of this destructive process.
Unless this sand plant can prove it is not using the sand for fracking, it must not be given a licence. Enough w the bs!! How is this at all in line with our environmental goals? This needs to be shut down!

Yours truly,

Emily MacMaster

I demand that the government does not go through with this project for the following reasons.
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Unless this sand plant can prove it is not using the sand for fracking, it must not be given a licence.

Sincerely,

Grace Carey

I do not support the fracking industry. I do not support the extracting of sand from aquifers and the stage licencing process that poses risks to our water supply.
Please stop the Vivian Sand Facility and Extraction projects now.

Yours truly,

BONNIE BERRY

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Yours truly,

Jess Soko

Under no circumstances can we mine sand in Manitoba for fracking. All elected officials should take a stand against this destructive process.

Yours truly,

Amanda Enns

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Yours truly,

Asta Carvalho

End this project NOW. We cannot keep polluting our earth further until extinction. Water is sacred and we must protect it at all costs.

Yours truly,

Matthew Cline

I know you have a penchant for placing the pursuit of the all mighty buck above everything else, but please put the long term costs above whatever small amount of short term tax money you might collect from this project. Ruining the aquifer and the Brokenhead River would cost future governments huge money to try and rectify. Please just this one time think long term.

Yours truly,

Neil Cameron

The future of water quality is a priority for human health and existence.

Never should we sacrifice our water for economic reasons. This is a lesson we have seen around the world when water has been poisoned by human interference.

Caring Now for our water, soil and air is caring for our generations to come.

The consequences this project leaves for others to eventually clean up is not worth it. Under no circumstances should we be so short sighted.

This is the time to pivot away from destroying precious resources for the economy and begin to look to regenerative projects with positive economic impact.

I live north of this area and have friends and family that live very close to this project. Residents do not want this dirty project to move forward. Real people living here do not want their land raped so that others may benefit.

We need to do better as a province and stewards of this land.

Yours truly,

Shian Rocan

Water is sacred. Do not jeopardize the future of our water by engaging in an act that may not be fully researched to see the long term effects. Think long term! Think about the future for our children.

Yours truly,

Kyra Silman

The science has been ubandantly clear for years now that we need towards sustainable, clean energy and clean environment projects to survive climate change. This project is the opposite of such development. Not only is it supporting one of the more dangerous methods of extraction (fracking), but also is potentially affecting ground water for thousands of manitobans at a time when fresh water is expected to become an increasingly scarce resource.

Please consider voting against this project.

Yours truly,

Michelle Curry

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Yours truly,

Marc Greene

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Yours truly,

Kassandre Maharajh

Fracking is a dangerous method to extract oil, gas, etc.
Mining the sand which purifies water in an aquifer can destroy the water source and then to use this sand for fracking is a double folly.
Environmental assessments are needed before allowing sand mining and elected officials need to consider all the research done on the environmental impact

Yours truly,

Irene Raabe

We need to stop the Vivian Sand Facility. Below are just a few reasons why.

- 1) Sand to operate this sand cleaning plant doesn't appear by magic and we need to have the sand mining included in environmental assessment.
- 2) Stage licencing is underhanded, secretive, and against the public interest.
- 3) Mining the sand from deep underground in the aquifer where it has been safely filtering our groundwater for thousands of years is a terrible idea. Water is sacred.
- 4) We should not be mining our groundwater aquifers! Water is life.
- 5) Under no circumstance can we mine sand in Manitoba for fracking. All elected officials should take a stand against the expansion of this destructive process.

Unless this sand plant can prove it is not using the sand for fracking, it must not be given a licence. We should all be concerned about what will happen with our water once this starts. Water is a human right. It is essential for everyday life to continue. Please put a stop to this.

Yours truly,

Kyla Enns

This is disgusting. I value our Mother Earth, shame on all of you for not. You're choosing money and wrath over the pricelessness of our planet. The ego is what fuels your corporate engine, stop destroying our precious lands in the process of your selfishness. Take a good look in the mirror and ask if you are okay with all of this and if you can truly live with yourselves.

Yours truly,

Sarah Boeckler

Mining the sand from deep underground in the aquifer where it has been safely filtering our groundwater for thousands of years is a terrible idea. Water is sacred. We should not be mining our groundwater aquifers! Water is life. Under no circumstance can we mine sand in Manitoba for fracking. All elected officials should take a stand against the expansion of this destructive process. Sand to operate this sand cleaning plant doesn't appear by magic and we need to have the sand mining included in environmental assessment.

Yours truly,

Emma Carey

Stop the mining!

Yours truly,

James Worobec

I am writing this message to show my concern for the haphazard manner in which a major sand mining project is attaining approval from the people of Manitoba. You the government of the day should be taking into account all possible environmental concerns present and future when assesing the merits of all projects in MB. This stepped process to environmental assessment makes our government look foolish and that in turn makes us all look ignorant. We really need to protect our watersheds and mining franking sand is not the way to do it.

Yours truly,

Lorne Warkentine

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Yours truly,

lisa Thomas

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Yours truly,

Jesse Rodgers

I'm writing to state my concerns regarding the mining of the groundwater aquifer east of Winnipeg. As rural residents we rely on well supplied groundwater for living and any commercial for profit activity that might affect the quality and sustainability of this resource is worrisome. Please consider reversing or not granted any licenses for this. Damage done cannot be undone here and any short term profit potential should not be considered given potential risks.

Yours truly,

Robert Régnier

Once again the Manitoba government is putting stock in the antiquated idea of economy over ecology.

This project yet again puts our freshwater sources at risk and in the process will undoubtedly contribute to the larger ecological threat of catastrophic climate change by feeding the extractive oil and gas industry with silica sand for hydrolic fracturing.

Each time I hear of an environmental review done under this government it seems little more than a farce and strictly a formality to ensure these projects get pushed through.

Just a thought, bring back the MB hydro solar panel rebate program. Invest in our institutions and in helping rural and urban citizens establish energy independence and feed the grid while boosting our local economy.

There are avenues for economic development that don't involve harmful resource extraction. It can be done.

If you value what ecologists, scientists and citizens have to say, please put a stop to this project and protect Manitoba and our lands and waters for the generations not yet here.

Ekosi

Yours truly,

Ben Linnick

I live North of Libau Manitoba, my wellwater is perfect and I want to keep it that way!

Can you please explain to me and my family how the silica mining project is being assessed for its potential impact on my well water?

Thank you.

Katie Hartle

The prairies are drying out. The last thing we need is to accelerate that.

Fracking is dangerous.

Yours truly,

Richard Denesiuk

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Yours truly,

JAYE Donohoe

Stop trying to be sneaky and pass this shit without solicited public input. More than some dinky website that few people will see. Leave the aquifers and watersheds alone. This is bullshit.

Yours truly,

Nicole Marie

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Yours truly,

Stenice Taylor

As a resident of the R.M. of Springfield, living east of Anola and dependent on well water, I must register my objection to this project entirely.
Residents and farmers throughout this region are dependent upon well water derived from the underground aquifer. The whole notion of disturbing this aquifer for the profit of others who live elsewhere is arrogant and inconsiderate and must not be allowed.

Sincerely,
Lynne Sinclair

This is not a legacy to be leaving. We do not need these type of activities anymore! You must treat our land and water as sacred. We have a beautiful province and could become a leader in environmental issues but not this way. Stop and think! You want to say we are the greenest province in Canada then do the right thing

Yours truly,

Darcy Armitt

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Yours truly,

Kayla Say

I am deeply concerned about the application from CanWhite Sands Corp. from Calgary for an Environment Act license only to operate a sand cleaning plant in the Rural Municipality of Springfield, located outside of Vivian, Manitoba, noting that in the future they will apply for further extraction permits. This indicate CanWhite is using a staged licensing approach for a larger project.

CanWhite will highly likely mine cancer-causing silica sand, as part of another stage of the full project, from the groundwater aquifer in the Oakbank-Dugald-Anola area, one of Manitoba's largest aquifers. However, the sand washing plant application has no mention of environmental impacts like aquifer contamination from mining the sand nor the damage that will be done when the sand is used for fracking of oil and gas, its likely purpose.

First of all, staged licensing (project splitting) is underhanded, secretive, and against the public interest of Manitobans. Manitoba's antiquated Environment Act, enacted in 1988, allows staged licensing, however, it is now recognized that this is a flaw. In fact, the Manitoba Law Reform Commission addressed this in 2015 when they wrote a comprehensive review of how our

Environment Act needed to be updated. Instead, a cumulative impact assessment approach should be implemented and used. The Wilderness Committee has noted this on numerous occasions since Premier Brian Pallister was elected premier of Manitoba, however, he has ignored the urgent need for its revision.

Secondly, under no circumstance should we mine sand in Manitoba for fracking. Airborne silica sand causes irreversible lung damage, cancer and death as the Wilderness Committee documented when the frack sand mine was proposed for the edge of Hollow Water First Nation. Cleaning the sand also means toxic residual chemicals that are mixed with the sand deep in the ground are disturbed and now going to end up in the Rural Municipality of Springfield as an ongoing threat.

Unless this sand plant can prove it is not using the sand for fracking, CanWhite must not be given a license.

I should appreciate it if the government could inform me in due course about its decision in this case.

Yours truly,

Marco Gruwel

Mining the sand from deep underground in the aquifer where it has been safely filtering our groundwater for thousands of years is a terrible idea. Water is sacred.

Yours truly,

Maureen Cooper

Water is life! This will cause too much damage to our environment.

Yours truly,

Laureen Say

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Yours truly,

Harry Holmes

I was very discouraged to hear about the potential Vivian Sand Facility and Extraction project. Not only is our Province doing VERY LITTLE to mitigate the climate crisis, they are going backwards by supporting environmentally destructive projects such as this one and thus very likely investing (directly and/or indirectly) in antiquated oil and gas industries. There are so many concrete signs of the climate crisis, yet governments, such as ours, ignore the writing on the wall and continue to promote actions to destroy our only planet, our own and future generations' habitat.

This is not even to mention the impact on local natural eco-systems and the wildlife and farmers that depend on them. Not only is silica cancer-causing, but mining it will potentially ruin one of Manitoba's largest aquifers. Mining the sand from deep underground in the aquifer where it has been safely filtering our groundwater for thousands of years is a terrible idea. Also, by using mined silica for fracking for climate-wrecking oil-and-gas, yet another aquifer will be destroyed, ruining that water too.

Under no circumstance can we mine sand in Manitoba for fracking. All elected officials should take a stand against the expansion of this destructive process.

Yours truly,

Ginette Paillé

My husband and I are residents in Ste. Rita. We are very concerned about The CanWhite Sands Corp mining project which threatens SE Manitoba water quality.

There are many risks to pollute our water and demand that this be raised to a Class 3 Development with a public Clean Environment Commission Hearing held.

We are requesting that there be Intervene funding to allow for an independent, in-depth analysis of this project, rather than just one side.

Thank you for your prompt response in advance.

Brad Derksen and Nancy Rybak

I ask that you determine the Vivian Sand Facility (processing plant) be combined with the mining/extraction portion of the operation and be considered as a Class 3 development with a Clean Environment Commission public hearing with participant funding.

My reasons are as follows:

The size and scope of this project: The mining claims of 166,890 acres (67,537 hectares) of land is the largest given to any one company in Manitoba's history. The impacts of the processing plant cannot be properly assessed without including an assessment of the impacts of sand extraction, because the processing plant cannot operate without the sand extraction portion of this project.

Impacts to the Sandstone and Carbonate Aquifers: This silica mining will take place over 200 feet into the Winnipeg Formation of the Sandstone aquifer. The shale that separates the two aquifers and the sand contains sulphide which when exposed to air will turn to acid and cause leaching of acid and heavy metals into the water from the shale.

Aquifer Sustainability and Cumulative Impacts: The aquifers support many municipal water systems, agriculture, industry, private well users and of course an abundance of wildlife and ecosystems. The sustainable yield of these aquifers have not been established. Also, the processing plant and the sand extraction aspects of this project function in tandem.

Potential Transboundary Impacts: The aquifers extend into Minnesota and therefore transboundary impacts need to be addressed.

Unproven Mining Method: CanWhite Sands Corp. is experimenting with a new, unprecedented method for mining silica sand 200 feet below the surface out of the Winnipeg Formation, a process that has only been experimented within Manitoba, without much success in the past.

Sincerely,

Ricky Koswin

Please stop the Vivian Facility sand mining project.
It's a threat to our environment.

Yours truly,

Jennifer Engbrecht

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Yours truly,

Danielle Sicotte

I am very concerned about the proposed project to mine sand from one of Manitoba's deep water aquifers. Our water is a precious resource. It is important to keep it pure and clean. Manitobans do not want to be exposed to cancer producing silica sand, have our deep water aquifer compromised or contribute a product to be used for fracking. All of these are very bad ideas for the environment and for people's health. Do not allow Vivian Sand Facility and Extraction to mine sand in Manitoba.

Yours truly,

Kathryn May Wady

Please- what a tragedy to disrupt a groundwater aquifer for the sake of another environmental atrocity -fracking.

This cannot happen! Keep it in the ground.

Yours truly,

Akos Knowles

Short term gain (for some) for long term pain - for all! An environmental disaster. Hands and machines OFF the underground aquifer! I am flabbergasted that this govt. is even considering letting this horribly destructive idea be considered never mind go ahead.

Clean water is not only sacred but is necessary to life on this planet. Stop this lunacy now!

Yours truly,

Jo-Anne Irving

Can I add my voice to those who would like to see a review with regards to the silica deposits and subsequent mining What is the worst that can happen. There is nothing to lose by doing things the right way.

I have property in this area and I am very happy with my well right now.

Please don't make me a Liberal.

Brian Bear

The Springfield Aquifer is under assault. For the past ten years agricultural (horse ownership) has been limited per acre, reasoning being given that it was a detriment to the aquifer. In the same time Home Developments have multiplied, and now this proposal brings an entirely new slant to the safety of the water table in Springfield and beyond. PLEASE RECONSIDER!

Linda Hazelwood

Not a resident but a 25-year horse owner in the area, late of Horse Country magazine and currently with Manitoba Horse Council which runs an Equestrian Facility in Birds Hill Park.

Yours truly,

Linda Hazelwood

Let's get straight to the point.

I honestly cannot think of a decent reason why you may consider this project, and not realize it's negative affects on the people of Manitoba and on the environment. Do you know the consequences? Or do you chose to ignore them?

Please, If your not sure if you should stop the Vivian Sand Facility and Extraction project, either do your own research or read the following points

Mining the sand from deep underground in the aquifer where it has been safely filtering our groundwater for thousands of years is a terrible idea. Will you then build filters to clean the water that was once naturally filtered?

One of the leading uses of silica sand is fracking for climate-wrecking oil-and-gas, destroying yet another aquifer. Aren't we supposed to lean towards green reusable energy sources and not exploit more oil and natural ressources?

If you have any questions, please feel free to message me. I hope you will make the right decision for all of us, which is stopping the Vivian Sand Facility and Extraction Project.

Yours truly,

Anne-Sophie Régnie

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Sincerely,

Andrew Lindsay

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Sincerely,

Sharon Peters

Please do not approve this project. Water is sacred. Land is sacred. Neither can we survive without!

So many reasons not to allow this project:

Sand to operate this sand cleaning plant doesn't appear by magic and we need to have the sand mining included in environmental assessment.

Stage licencing is underhanded, secretive, and against the public interest.

Mining the sand from deep underground in the aquifer where it has been safely filtering our groundwater for thousands of years is a terrible idea. Water is sacred.

We should not be mining our groundwater aquifers! Water is life.

Under no circumstance can we mine sand in Manitoba for fracking. All elected officials should take a stand against the expansion of this destructive process.

Unless this sand plant can prove it is not using the sand for fracking, it must not be given a licence.

Yours truly,

Talia Bogaski

I wish to register my opposition to the proposed Vivian Sand Processing Facility.

The processing facility and sand extraction facility should be reviewed together rather than independently. The impacts of the processing facility cannot be properly assessed without including an assessment of the impacts of sand extraction, because the processing facility cannot operate without the sand extraction portion of this project.

The Environment Act Proposal submitted by CanWhite fails to properly address the cumulative impacts of this project on local groundwater. As per the previous point, the processing facility and sand extraction aspects of this project function in tandem, and so the effects of pumping thousands of litres of sand slurry from the ground must be assessed when determining the environmental impacts of this project.

The Environment Act Proposal is misleading with respect to the claim that there will be no truck traffic associated with the project. In the Proposal there is no information that supports that all sand can be delivered to the facility by portable pipeline over the 24-year life of the plant – therefore the assertion that there will be no truck traffic cannot be supported.

3 fully loaded freight trains will be added weekly to an already congested CN mainline. But this has been dismissed from the Environment Act Proposal and discussions with CN have not been finalized. If discussions fall through, truck transport is the only option. This increases risks for Silicosis and nuisance dust impacts.

The Environment Act Proposal states use of a flocculant material PAM- in their outdoor clarifier (settling/treatment pond). Polyacrylamide (PAM) is nontoxic but degrades with sun, acid and iron into a water-soluble acrylamide monomer, a cancer-causing neuro toxin that deforms fetus' at parts per

billion. https://www.gov.mb.ca/sd/pubs/water/drinking_water/final_factsheet_tce.pdf

The Facility is located in an area of sandy, porous soil. Some acid, acrylamide and heavy metals will seep into the aquifer just as occurred with a small surface spill of trichlorethylene in the 90's, contaminating all wells within 24 square kms, now called the Rockwood Sensitive area.

Removing the amount of water that 64,000 people would use every year for 24 years, is beyond the sustainable limit of the Winnipeg Formation. See Kennedy & Woodbury's 2005 Sustainability of the Bedrock Aquifer Systems in South Central Manitoba: Implications for Large Scale Modelling.

40% of the sand will be used for Fracking in the oil and gas industry. This prevents us reaching our emission reduction targets pledged under the Paris Agreement. see Appendix I of the EAP.

The Facility is near a network of historic cart trails leading to/from the area that served as a travel corridor for Past Peoples. Development within the area has the potential to impact heritage resources, therefore the Historic Resources Branch has concerns. Pg.14 appendix d to f of EAP.

The Environment Act Proposal provides no evidence to support their claim that property values will not suffer under their Facility that increases rail and truck traffic, noise and light pollution, increased risks to groundwater and Silica related diseases, 24/7.

In closing, the effects of CanWhite Sands plans are of such a magnitude and will generate far too many environmental, socioeconomic and health issues and allowing these plans to be divided has produced an incomplete and incomprehensible Environment Act Proposal. Full impacts of the project cannot be properly assessed.

I would ask that you carefully consider all the objections you are receiving and deny CanWhite Sands application File: 6057.00.

Sincerely,

Chris Martens

Sand to operate this sand cleaning plant doesn't appear by magic and we need to have the sand mining included in environmental assessment.

Stage licencing is underhanded, secretive, and against the public interest.

Mining the sand from deep underground in the aquifer where it has been safely filtering our groundwater for thousands of years is a terrible idea. Water is sacred.

We should not be mining our groundwater aquifers! Water is life.

Under no circumstance can we mine sand in Manitoba for fracking. All elected officials should take a stand against the expansion of this destructive process.

Unless this sand plant can prove it is not using the sand for fracking, it must not be given a licence.

Yours truly,

Jade Raizenne
