

**7317434 Manitoba Ltd. - Crystal Spring Colony Farms Ltd.**

**Crystal Spring Colony New Development - Wastewater Lagoon - File 6193.00**

**Public Comments Received:**

- Public Comments Received (4)

## Sagan, Barsha

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**From:** [REDACTED]  
**Sent:** November 30, 2023 12:58 PM  
**To:** Coulibaly, Housseini  
**Subject:** Crystal Spring Development

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[REDACTED], and a lifelong Manitoba resident I have serious concerns about the continued excessive nutrient loading of Lake Winnipeg and associated drains, streams and rivers.

I do not have concerns about developments as long we observe all present regulatory processes to ensure NEW developments do not add to the already obvious problems we have in Lake Winnipeg.

The Crystal Spring Colony Development is akin to dropping a village onto virgin agricultural land next to Willow Creek which has been classified by the EIWD (East Interlake Water District) as the second cleanest in their district. Biggest reason for this is the lack of human development on its watershed. This development will change this and a basic lagoon treatment may not be enough to mitigate the added nutrient levels that will be discharged.

It is expected that the lagoon discharge meet the 1mg total phosphorus limits set out in all municipal sewage treatment plants, however conditions should be set for government monitoring of the effluent before discharge and public notification to those downstream when this is happening.

Willow Creek drains through the Miklavik and Siglavik cottage and home developments, and are a unique sheltered harbour. This fall we had seen particularly odorous and dangerous algae infestations in Gimli and Silver Harbour locations exasperated by the sheltered nature on these harbours. Siglavik and Miklavik are man made inland harbours and as such are even more isolated by the wind and wave action which dissipates algae along most of the Lake Winnipeg shorelines. This new Crystal Springs Development WILL add nutrients N and P to the Willow Creek watershed and my fear is that the Miklavik and Siglavik developments will become a nutrient sink or trap and feed excess algae growth in those and nearby locations. So far we haven't seen that problem there if this years algae blooms and fish kill offs at Gimli, Silver harbour and Hnausa beaches are any indication.

Those areas are way more open to wind and waves yet had a major algae problem this fall.

If I were in those development I would have grave concerns. These questions need to be answered:

Who will be monitoring the lagoon to ensure compliance? (See Section 5.2 “Reporting” in the proposal, on p. 29 of the PDF) In particular, who is checking re: compliance with MECP licence requirements of no more than 1.0 mg/L total phosphorus? How often will TP be measured? How many litres will be discharged? What will be the total tonnage of N and P added to the watershed?

Will compliance results be made public?

What happens if this lagoon is non-compliant with 1.0 mg/L limit?

What if any contingencies will be put in place to protect against/mitigate impacts of extreme weather (e.g. flooding) or equipment failure?

What is the current phosphorus load to Lake Winnipeg from this sub-watershed? Can this area handle additional phosphorus loads?

This lagoon will handle waste from approximately 200 people as well as “livestock production.” (See executive summary of proposal, on p. 5 of the PDF, and also p. 9-10) What extent/scale of livestock production is planned and how will the manure from this be managed?

How will the addition of the abattoir to the human waste affect the efficiency of the lagoon and discharges. Abattoirs have a very large water usage and while they may claim it is not for commercial use, it is a matter of semantics, as it is essentially an abattoir for a village sized community, not a small butcher shop. How will they handle the solids, fats, possible pathogens and antibiotic contaminants. Most literature I have research recommend that all solid matter be removed and go to compost or buried.

Present site plans do not indicate an area to compost the poultry waste (manure) which over time will be substantial with 15,000 birds. How will manure be distributed and where? How do they prevent leaching into the watershed as this area has considerable low lying and overland flooded circumstances.

This question is outside the scope of the lagoon’s environmental approval process, but is worth raising because abbatoir waste is not the same thing as manure produced from animals. So, the lagoon may be able to meet the 1.0 mg/L phosphorus limit, but what about the potential for an increase in phosphorus-rich manure on fields and then leaching into the watershed. Has this factor been considered and how will it be addressed?

It sounds like the barns will initially used for 15,000 poultry broilers (meat), however the plans do show additional barns. Once they have approval for the lagoon, can we be assured that hog, cattle or others will not be added without another licence review?

While the present regulations stipulate a 1mg/litre total P maximum, a better measure would be the total amount of P in tonnage that will be discharged into the aquatic system. One way to make a pollution problem go away is to dilute it until it meets standards. This however skewers the intent and the goal should be to keep the N and P out of the waterways and onto the fields as fertilizer.

In closing I know that Crystal Spring Colony Development will try be a good neighbour, and steward of the land and water, they have indicated that this is their goal and only through frank dialogue can we move forward and address concerns. New developments should incorporate the latest and greatest technology, and not the bare legislated minimum. We have enough problems

with existing municipal waste disposal standards not being met, so we don't need to add to the problem.





**Sagan, Barsha**

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**From:** [REDACTED]  
**Sent:** November 9, 2023 2:09 PM  
**To:** [REDACTED]  
**Subject:** Proposed lagoon for the Crystal Springs Colony

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Dear Mayor and Council,

The [REDACTED] is extremely concerned about the proposed Waste Water Lagoon as part of the Crystal Springs Colony New Development. (File 6103.00.)

The lagoon will be used by approximately 250 people as well as an abattoir.

The application does not mention livestock operations but it is fair to assume that either hogs, cattle or poultry will be raised to be processed in this abattoir.

The effects on Willow Creek of the lagoon and the related activities will be severe. Willow Creek flows into Lake Winnipeg causing more harm to the lake.

We urge you to do everything possible to stop this project.

Instead the new Colony should be required to haul the waste to a Treatment Plant in Gimli or elsewhere to prevent any waste from ending up in Lake Winnipeg.

Sincerely,

[REDACTED]

**Sagan, Barsha**

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**From:** [REDACTED]  
**Sent:** November 20, 2023 3:46 AM  
**To:** [REDACTED] Coulibaly, Housseini;  
**Subject:** Crystal Spring Lagoon

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Dear Mr. Coulibali

It has been brought to my attention that there is a proposal waiting for approval for a wastewater lagoon in the wetlands of Lake Winnipeg. Many of us living [REDACTED] have watched with horror as the lake nitrifies and the variety of fish population is diminishing. There have been alerts over the past years and many of us are determined to protect the existing marshlands with the goal of reversing the damage to Lake Winnipeg.

Please do not allow this new wastewater lagoon to pass the approval process.

Can you inform me of the next steps for this process please?

Thank you

[REDACTED]

## Sagan, Barsha

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**From:** [REDACTED]  
**Sent:** November 19, 2023 4:49 PM  
**To:** [REDACTED]  
**Cc:** Coulibaly, Housseini  
**Subject:** Proposed Colony Lagoon RM of Armstrong/Gimli

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Dear [REDACTED]:

I [REDACTED] and Manitoba, and while I am not opposed to the construction of a farming commune with its resultant farming and manufacturing facilities; I am however deeply opposed to the construction of a sewage/wastewater/offal lagoon that discharges into the surrounding environment.

I have an extensive background in large project development and management and what I find alarming is the plan to permit an open lagoon that depends entirely on the natural environment to ready its contents for release into local surface waters. I feel very strongly that if the owners have enough money and resources to construct such a community then they obviously have enough money to construct a proper treatment plant that is capable of treating the wastewater and ensuring it meets provincial effluent guidelines before being discharged. This is not 1875 and we should not be approaching construction of these projects like it is the 19th century. The technology exists for the owners to construct a proper treatment facility. I'm certain they don't want to incur the additional expenses of constructing an engineered in-situ facility to manage their effluent however it is time we all take responsibility for doing the right thing...let's help make this project an example for future generations.

Sincerely,  
[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

## Sagan, Barsha

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**From:** [REDACTED]  
**Sent:** November 22, 2023 9:25 AM  
**To:** Coulibaly, Housseini  
**Subject:** FILE: 6193.00

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Hello Mr. Coulibaly

I am writing to protest against 7317434 MANITOBA LTD. – CRYSTAL SPRING COLONY NEW DEVELOPMENT - WASTEWATER LAGOON – FILE: 6193.00.

The substances and pathogens in human and animal waste, plus the body fluids of slaughtered animals, will eventually enter Lake Winnipeg, which is already globally renowned as an out-of-control incubator for nuisance and toxic algae. Adding yet more nitrogen and phosphorus is negligent and irresponsible, when the Manitoba government pretends to desire nutrient reduction and abatement of the problem, which is not restricted only to algal blooms visible from space, but also all of the consequent adverse cascades of oxygen depletion, light attenuation for submerged communities, loss of biodiversity (which had already been amply documented), facilitation of invasive species (which has already catastrophically occurred), and eventual regressive economic impacts on the commercial fishery.

In addition to the nutrients, sewage contains hundreds of other environmentally damaging pollutants, including pharmaceuticals, pesticides, metals, surfactants, phthalates, nonylphenol ethoxylates, flame retardants, preservatives, perfluorinated compounds, benzene, methylene chloride, dioxins and dibenzofurans, polycyclic aromatic hydrocarbons, polychlorinated hydrocarbons, bisphenol-A, sanitizers (e.g. Triclosan), disinfectants (which generate chlorinated carcinogens in water), and many many others. Besides chemicals, viable spores and cysts of human and animal pathogens are also present and can travel substantial distances in water: viruses, bacteria, pathogenic fungi, protozoa, helminth parasite eggs.

These pollutants are a concern because in the lake they may affect/infect wildlife, and metals and organic chemicals can bioconcentrate in fish. A number of people consume the lake water, and thus these contaminants present a risk to public health, which may be long-term, since many are cumulative and are not effectively excreted. Furthermore, many materials can be absorbed through the skin while swimming or wading, or even inhaled as aerosols (as can algal toxins as well).

Most blatantly, we fail to consider the COMBINED impacts of all of the already existing stressors on the lake, and innumerable other contributors of pollution, including the many other community and agricultural lagoons, many of which have been only recently added, and all of this in the context of

cottage building frenzies, shoreline alteration and erosion, use of devastatingly toxic marine antifouling paints on watercraft, algaecides, mining expansion, logging, and hydroelectric reservoir manipulation, to say nothing of urban wastewater inputs. We continue to consider each new application as hanging by itself in space, without regard to the aggregate, and often synergistic, impact of the whole.

I therefore question the advisability of approving yet another pollution source, when we are powerless, and indifferent, to remedy what we have already unleashed.

Sincerely,

A black rectangular redaction box covering the signature of the letter.

**Sagan, Barsha**

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**From:** [REDACTED]  
**Sent:** November 20, 2023 4:02 PM  
**To:** Minister of Environment and Climate Change; Coulibaly, Housseini; [REDACTED]  
**Subject:** 7317434 Manitoba Ltd, Crystal Spring Colony New Development - Waste Water Lagoon  
File 6193.00

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Hello,

This is in regards to the above mentioned development. I am very strongly opposed to the proposed waste water lagoon development and its potentially related negative effect (pollution) to Willow Creek and the Lake Winnipeg waters.

Lake Winnipeg does not need any more potential hazards and the health of the Lake, Communities Health, overall Environment, and Tourism would be catastrophic.

Regards,

[REDACTED]

## East Interlake Watershed District (EIWD) Comments on Crystal Spring Colony New Development – Wastewater Lagoon – File: 6193

The EIWD executive board reviewed the Environment Act Proposal and the Appendices put forward by Crystal Spring Colony regarding a Domestic Wastewater Lagoon Treatment. Currently, the board is not in favour of the development plan for this project as presented.

The Appendix E – Hydrologic and Hydraulic Assessment prepared by TREK Geotechnical states under the Conclusion and Recommendations that:

“To improve the drainage, it is recommended to immediately remove thick riparian vegetation from the South Malton Drain. Proper maintenance is vital to drains achieving desired objectives and to mitigate flooding issues in the vicinity.”

With this consideration, it is essential to examine the guidelines outlined in the **Willow Creek Integrated Watershed Management Plan (IWMP)**. Under Priority 5: Wildlife and Fish Habitat, the Willow Creek IWMP explicitly states to restrict the removal of riparian habitat within 30 meters of a natural waterways for all new developments.

The Hydrologic and Hydraulic Assessment states that drain upgrades and culvert replacements are recommended to ensure that the development area is not at-risk for flooding. However, the assessment outlines that while this will improve drainage effectiveness relative to existing conditions, the drainage upgrades will not prevent flooding under *extreme conditions*. Such extreme conditions were observed in most of Manitoba in the spring of 2022. This is acknowledged in the assessment, where it is stated that:

“In the spring of 2022, a series of weather systems brought significant precipitation and snow to much of southern Manitoba, with some areas experiencing record high rainfall during the months of April and May, on top of runoff from a significant winter snowpack. The Interlake Region was especially impacted, with extensive overland flooding and record high flows resulting in communities declaring local states of emergency. Additionally, a large rainfall event was also reported for the Interlake Region more recently on July 19, 2022. TREK understands that the proposed development was impacted during this more recent event by overland flooding from Willow Creek in the north and from the South Malton Drain in the south and east...”

The EIWD board would like the regulators of this project to closely examine the drone images provided in the Hydrological and Hydraulic Assessment prepared by TREK. These images show that much of the proposed development area and property was inundated with water in 2022, indicating that this area is at high risk of being surrounded by water during spring melt and extreme weather events. These flooding conditions in the development area have been confirmed by EIWD executive members who have witnessed flooding, even on normal spring and rain events. It is common that culverts, drains, and



waterways are plugged with ice or debris in this area, thereby furthering flooding risks.

The general perception from the public is that the proposed wastewater lagoon would be at a high risk of failure if met with extreme weather conditions.

Extreme weather events (similar to the conditions in spring of 2022) are occurring more often in this area. It is currently a challenge for the province and municipalities to keep up with drainage maintenance to reduce current and future flooding challenges. Increased drainage improvements in this area to reduce flooding risks will only increase the flooding risks somewhere else downstream. Furthermore, the proposal for this project describes removing portions of forest and bush for land development, which will also increase the risk of flooding downstream. The Willow Creek IWMP describes the Interlake as a ridge and swale topography. The property in question consists of predominately swales (low areas) that flood often. While the property has some ridge areas (higher areas) that are less susceptible to flooding, large areas of forests and bush would have to be removed if homes and infrastructure were built, further contributing to an increase in flooding and erosion downstream.

The development area also consists of numerous permanent and semi-permanent wetlands (attached Map). With the development of roads, buildings, lagoons, and other structures, the integrity of these wetlands is at-risk. The Willow Creek IWMP encourages the protection of existing wetlands, in order to enhance water storage capacity and improve the overall health of the watershed. Additionally, the drainage of Class 4 and 5 wetlands is prohibited under The Water Rights Act, as stated:

- **Restriction on designated classes 4.1(2)** *A class of works or water control works is not eligible to be designated under subsection (1) if, in the opinion of the Lieutenant Governor in Council, works or water control works of that class are likely to (a) significantly alter the flow or level of water; (b) result in a significant change in the location or direction of flow of water; (c) result in the loss or alteration of a prescribed class of wetland; or (d) have significant adverse environmental effects.*

The EIWD has additional questions for your consideration:

- Will the province be able to predict how much nutrients or other contaminants will be released from the lagoon system?
- Will the lagoon system have the same regulatory standards as municipal systems?
- How will the lagoon discharge during a wet fall when water may surround the system?
- How will the lagoon system control nutrient release?
- What is the history of land ownership? Was this area previously Crown land, Municipal, or Provincial?

Considering that this development area is at a high risk of flooding and that the proposed project would likely result in the removal of forest/brush and drainage of wetlands, the East Interlake Watershed District can not support this project with the information as presented.

Sincerely,





\*\*\* Wetlands based on LiDAR; Not ground truthed

SE 28-18-3E

Total Wetland area = 43.2 ac

Class 1 = 37.5 ac

Class 2 = 4.6 ac

Class 3 = 1.0 ac

Class 4 = 0.1 ac

Proposed Lagoon

### Proposed Developments

Barn Area

Housing

Industrial Area

School and Sports Complex

Shop Area

Greenhouse and Gardens

### Wetland Class By Elevation

1

2

3

4

Water Flow

Property

0 0.4 0.8

1.6 Kilometers



## Sagan, Barsha

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**From:** [REDACTED]  
**Sent:** November 24, 2023 11:31 AM  
**To:** Coulibaly, Housseini  
**Subject:** Lagoon in Armstrong Section 28-18-3E

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I am writing you in concern about the proposed lagoon for Crystal Springs Hutterite Colony. When the colony applied to build in 2019 there was no mention made of the lagoon and that waste water would be discharged into Willow Creek. This issue comes up now after building permits were granted and upgraded hydro and natural gas were brought in. What kind of co-ordination in Government Departments exists that this issue is left to the very last. I [REDACTED] proposed lagoon Section south west 34-18-3East.

Now that the Colony got a foothold in the municipality it's just a matter of time before the hog barns move in.

They say only 97 people but the lagoon is for 250 people.

Willow Creek is already suffering from the hog barns 6 miles west of the Colony on the same drains.

The Government and the Colony sure pulled a fast one on the people of Gimli.

All the talk of saving Lake Winnipeg is just a joke shame on the Government for pulling the wool over the people's eyes.

[REDACTED]

**Sagan, Barsha**

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**From:** [REDACTED]  
**Sent:** November 8, 2023 8:44 AM  
**To:** Coulibaly, Housseini  
**Subject:** Development by Crystal Springs Colony 15 E & 107 N

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7317434 Manitoba Ltd. Crystal Spring Colony New Development Waste Water Lagoon  
file 6193.00

This development will only increase concerns over water quality, which has lead to algae blooms, fish kills, and beach closures due to bacteria.

1. sewage lagoon will discharge next to Willow Creek, and ultimately into Lake Winnipeg.
2. concerns regarding nutrient inputs to Lake Winnipeg A sewage lagoon is basically the least effective form of waste treatment, and the one proposed will likely have high output of nitrogen and phosphorus due to waste from animal slaughter. Furthermore, the location of this is very close to Lake Winnipeg.
3. Save our valuable resource Lake Winnipeg!

Sincerely,

[REDACTED]

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## Sagan, Barsha

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**From:** [REDACTED]  
**Sent:** November 20, 2023 6:18 PM  
**To:** Coulibaly, Housseini  
**Subject:** Strongly opposed

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To whom it may concern,

I strongly oppose the  
Crystal Spring Colony Development west of Husavik.

Re: 7317434 MANITOBA LTD. – CRYSTAL SPRING COLONY NEW DEVELOPMENT – WASTEWATER  
LAGOON – FILE: 6193.00

The discharges into Lake Winnipeg and added pollution nutrients into the lake will affect all of us. We must ensure new developments incorporate best practices.

As a private citizen living in the Lake Winnipeg watershed, and Interlake, I am a Manitoba resident I have serious concerns about the continued excessive nutrient loading of Lake Winnipeg and associated drains, streams and rivers.

Reducing pollutants rather than adding to the obvious problems we have in Lake Winnipeg must be our primary focus.

This development will add to the undisputed facts that the lake is already in trouble from years of pollution and run off into the water.

Lagoon treatment is not enough to mitigate the added nutrient levels that will be discharged.

This fall we saw particularly odorous and dangerous algae infestations in Gimli and surrounding areas.

Who would monitoring this proposed cesspit/lagoon to ensure compliance? (See Section 5.2 "Reporting" in the proposal, on p. 29 of the PDF) In particular, who would be checking re: compliance with MECP licence requirements of no more than 1.0 mg/L total phosphorus?

How often will TP be measured? How many litres will be discharged?

What will be the total tonnage of N and P added to the watershed?

Would compliance results be made public?

What happens if this proposed cesspit/lagoon is non-compliant with 1.0 mg/L limit? What if any contingencies will be put in place to protect against/mitigate impacts of extreme weather (e.g. flooding) or equipment failure? What is the current phosphorus load to Lake Winnipeg from this sub-watershed?

This area cannot handle additional phosphorus loads?

This propose. lagoon/ cesspit would handle waste from approximately 200 people as well as “livestock production.” (See executive summary of proposal, on p. 5 of the PDF, and also p. 9-10) What extent/scale of livestock production is planned and how will the manure from this be managed?

How will the addition of the abattoir to the human waste affect the efficiency of the lagoon/cesspit and discharges.

Abattoirs have a very large water usage and while they may claim it is not for commercial use, it is a matter of semantics, as it is essentially an abattoir for a village sized community, not a small butcher shop. How will they handle the solids, fats, possible pathogens and antibiotic contaminants?

Research recommend all solid matter be removed and go to compost or buried. Present site plans do not indicate an area to compost the poultry waste (manure) which over time will be substantial with 15,000 birds.

How will manure be distributed and where?

How do they prevent leaching into the watershed as this area has considerable low lying and overland flooded circumstances.

Once they have approval for the lagoon, can we be assured that hog, cattle or others will not be added without another licence review?

While the present regulations stipulate a 1mg/litre total P maximum, a better measure would be the total amount of P in tonnage that will be discharged into the aquatic system.

New developments should incorporate the latest and greatest technology, and not the bare legislated minimum.

We have enough problems with existing municipal waste disposal standards not being met, so we don't need to add to the problem.

Is it worth killing the tourism industry in the GImli and surrounding areas in the Interlake for a highly toxic proposal

The answer is No

I strongly oppose this request from Crystal springs colony

Regards





## Sagan, Barsha

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**From:** [REDACTED]  
**Sent:** November 5, 2023 4:41 PM  
**To:** Coulibaly, Housseini  
**Subject:** Crystal Spring Colony - Waste Water Lagoon RM of Armstrong

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Dear Sir/ Madam

We live in [REDACTED], and have voiced concerns over water quality, which has led to blue/green algae blooms, fish kills, and beach closures due to bacteria. This new sewage lagoon is being proposed for a group of residential homes, intense livestock production facility and abattoir near Gimli. The sewage lagoon will discharge next to Willow Creek, and ultimately into Lake Winnipeg. The sewage lagoon will initially treat waste from approximately 25 beef cattle, 500 hogs, 6000 chickens, 2000 ducks (along with their slaughter waste) and human waste from 250 people. And there is potential for expansion.

Aside from the smell of composting animal remains, there are serious concerns regarding nutrient inputs to Lake Winnipeg from water treatment facilities in the City of Winnipeg. The City of Winnipeg treatment facilities, while they aren't "perfect", offer more advanced treatment of waste than that of a basic lagoon. A sewage lagoon is basically the least effective form of waste treatment, and the one proposed will likely have high output of nitrogen and phosphorus due to waste from animal slaughter. Furthermore, the location of this is very close to Lake Winnipeg, ( about 5 miles) offering less opportunity for dilution of the nutrients and possible pathogens.

New development is generally good and encouraged, but only if done in a modern and sustainable way. We have serious nutrient problems on Lake Winnipeg and the time to address them and mitigate them is with new facilities proposing and

using systems to reduce the risk of adding to our problems. We have enough old facilities that need to be improved without adding to the problem with new builds. Proper waste abatement measures should be an integral part of any new construction, particularly one of this magnitude. If the developer can pay to build it then they should be able to pay for a proper and modern treatment plant.

Sincerely,

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

## Sagan, Barsha

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**From:** [REDACTED]  
**Sent:** November 28, 2023 8:37 PM  
**To:** Coulibaly, Housseini  
**Subject:** Crystal Spring Colony New Development

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### Waste water Lagoon File 6193

Upon review of Environmental File 6193 for lagoon siting and operation an alternate location should be considered. The lagoon should be located in the southwest portion of section 28 utilizing the existing low run to polish effluent released from the secondary lagoon.

In years of high run off a control to adjust flows should be installed above the lagoon outflow. Downstream mitigation at the proposed out flow into the ditch west side 15E would provide some dilution and nutrient removal before running into Willow Creek. A berm should be constructed at the junction of road 106 and road 15E to prevent back flooding on section 21 which happens even on an average runoff year.

I hope this alternate lagoon proposal merits critical consideration as it would address some nuisance claims and minimize impacts on fish and remove nutrients flowing in downstream waters to Lake Winnipeg.

Nutrient loading would contribute to algae blooms affecting the Siglivik and Miglivik housing developments and commercial and sport fishing.

Additional comments regarding the lagoons:

- A compacted clay base in addition to the vinyl liner to minimize leakage
- The lagoons are situated in a low area with a high water table
- In addition to household waste abattoir waste will enter the lagoon
- Waste water from the abattoir will significantly increase the amount of nitrogen, phosphorus and solids
- Contamination of both surface and groundwater ie. blood, fat, manure, urine and tissue. These materials will create a high BOD (Biological Oxygen Demand) detrimental to fish. What happens to solid waste ie. offal, bones, hair, dung
- Water use is high risking possible overloading of the primary lagoon  
ie. processing 150 - 450 gallons per beef animal, hog 45 gallons per animal and poultry 3.5 - 10 gallons per bird
- Truck and implement wash water as well as chemical sprayer rinse water will enter the lagoon - no treatment is indicated for this water
- Identify waste water from chickens (layers and broilers) ie. wash water for clean up and waste water (harmful chemicals) from the manufacturing plant require a separate environmental review

-Bulk fuel storage and farm herbicides and pesticide storage must meet proper containment requirements in the event of a spill

#### NOTES ON WILLOW CREEK AND DITCHES SURROUNDING SECTION 28

Willow Creek is pristine through most of its length including the portion that runs through the NE corner of the Colony land. This portion of the creek and adjacent riparian area should remain untouched.

Willow Creek and the ditches surrounding Section 28 support fish spawning and nursery habitat. Many fish species utilize these waters ie. white sucker, pike, walleye, carp and many small species.



**Sagan, Barsha**

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**From:** [REDACTED]  
**Sent:** November 30, 2023 9:59 PM  
**To:** Coulibaly, Housseini  
**Subject:** Crystal Springs Colony

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# Public Registry 6193.00

## Crystal Spring Colony New Development - Wastewater Lagoon 7317434 Manitoba Ltd. - Crystal Spring Colony Farms Ltd.

I would like to voice my concern regarding this development.

Mostly because of its proximity to Lake Winnipeg. There is no place for this type of development in the area where runoff would be a huge concern.

[REDACTED] and the quality of the water in the lake should be of highest priority to the provincial government.

Thank you.



c/o 30<sup>th</sup> Floor, 360 Main Street  
Winnipeg, MB R3C 4G1

November 30, 2023

Sent by email message

Environmental Approvals Branch  
Manitoba Environment and Climate Change  
14 Fultz Boulevard (Box 35)  
Winnipeg MB R3Y 0L6

Attention: Housseini Coulibaly

RE: 7317434 Manitoba Ltd. – Crystal Spring Colony New Development Wastewater Lagoon  
– File: 6193.00

Dear Sirs:

Fish Futures Inc. is a registered charitable organization incorporated in 1988 and headquartered in Winnipeg, whose mandate is the conservation and enhancement of freshwater fisheries.

Over the years, we have focused a lot of our attention on the fisheries in Lake Winnipeg, as well as the Red and Assiniboine Rivers.

Lake Winnipeg's fisheries are a multi-million dollar renewable resource that supports commercial, subsistence and recreational users. They are already at risk due to climate change, invasive species and nutrient overloading.

We are very concerned with this project, as an unintended spill or discharge (due to human error, equipment failure or unanticipated heavy rainfall) would be irreversible and could result in significant environmental damage to Willow Creek and Lake Winnipeg (which would include negative effects, perhaps significant negative effects, on Lake Winnipeg fisheries).

We are also very surprised that a project with risks of this nature is being proposed on the basis of technology that only meets the legislated minimum.

As a result, we strongly recommend that your Branch seriously consider all of these risks, as well as the various steps that should be taken to minimize these risks, and only approve this project by imposing conditions that protect Lake Winnipeg fisheries, both now and in the future, to the maximum extent possible.

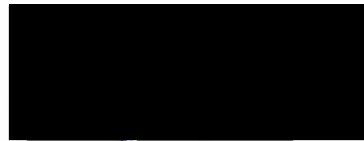
Yours truly,

Fish Futures Inc.

Per:

A black rectangular box redacting the signature of the first party.A black rectangular box redacting a line of text, likely a title or contact information.

Per:

A black rectangular box redacting the signature of the second party.A black rectangular box redacting a line of text, likely a title or contact information.

## Sagan, Barsha

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**From:** [REDACTED]  
**Sent:** November 21, 2023 2:17 PM  
**To:** Coulibaly, Housseini  
**Subject:** File #6193.00 7317434 Manitoba Ltd- Crystal Sprlng Colony WasteWater Lagoon

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Good Morning:

As residents of Gimli we are writing with great concern regarding the proposed wastewater lagoon by the Crystal Spring Colony.

One of Minister Schmidt's mandates is to "protect Lake Winnipeg and safeguard the health of all our waterways". Willow Creek Watershed is home to the Husavik Wetlands Sanctuary and a spawning ground for Walleye. The RM of Gimli is also in the stages of developing its own Wildlife Wetland Interpretive Center. There is a source water protection area within the vicinity of the proposed wastewater lagoon. People are becoming more aware of the importance of keeping wetlands intact as the lungs of the lake...

The issue is can the Willow Creek Watershed and Lake Winnipeg manage this additional load of high nitrogen/phosphorus being fed into it. This area is prone to poor soil and flooding. This is not a small family run farm... this is a large commercial operation extremely close to an at risk Lake and creek. 1.8 tons/day of chicken excrement is not a small amount. 250 people is not a small family.. An abattoir has its own special issues. And more concerning is that if this is approved what comes next... the colony may say it is not their intent at this time but. more cattle? hogs? Once something is approved it is very difficult to make changes or reign in if the operation exceeds what the original proposal stated... because it was not their intention at the time. Our concerns fall into the how much more damage can the watershed of Lake Winnipeg take before it becomes totally unrecoverable. From a thriving fishing industry to tourism with a flourishing cottage/tourism industry it can all be in jeopardy. We are against this proposal due to the danger it presents to the Lake.

Regards

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]



## Sagan, Barsha

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**From:** [REDACTED]  
**Sent:** November 21, 2023 8:28 PM  
**To:** Coulibaly, Housseini; Minister of Environment and Climate Change; Environment and Climate, Deputy Minister; [REDACTED]  
**Subject:** [REDACTED] File: 6193.00 Crystal Spring Colony

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Re: Crystal Spring Colony Development- Wastewater Lagoon. File: 6193.00

As residents living in the Lake Winnipeg watershed, [REDACTED], we are extremely concerned about the negative effects of the increased nutrient load resulting from the proposed wastewater lagoon. Inarguably, our lake has suffered greatly in recent years due to uncontrolled nutrient loads. To compound this with additional discharge from the proposed lagoon and future growth of the colony, will only exacerbate the current condition of the lake. The areas of Miklavik and Siglavik are unique in that they were man made lake front communities that have no natural wind or wave action to dissipate algae development. Further, Willow Creek drains directly into the Miklavik development. As a result, all potential nutrient discharge will dump directly into our front yards.

[REDACTED]

Sent from [Mail](#) for Windows

## Sagan, Barsha

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**From:** [REDACTED]  
**Sent:** November 26, 2023 7:45 PM  
**To:** Coulibaly, Housseini  
**Subject:** 7317434 file 6193.00 waster water lagoon

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I live [REDACTED]. For many people commercial fishing is how they pay the bills and feed there families. There is already a algae problem caused from phosphorus and other problems that the last thing the lake needs is a another producer of phosphorus. The major thing is fisherman are worried about is if all this algae caused by phosphorous will eventually cause the fish we catch and sell to become poisoned in any way and force all fisherman to stop fishing.

I love where I live and what I do and I want to continue doing as such and hopefully one day my kids will as well but I worry about propositions like this waste water lagoon that could make my goals not possible.

## Sagan, Barsha

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**From:** [REDACTED]  
**Sent:** November 27, 2023 1:42 PM  
**To:** Coulibaly, Housseini  
**Subject:** Concerns about the sewage lagoon

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Dear Mr.Coulibaly,

It has come to my attention that Crystal Spring Colony New Developments is planning to construct a wastewater lagoon in the wetlands of Lake Winnipeg, neighboring Gimli.

My concerns are about the endangerment of the ecosystem and wildlife of said wetlands.

The creeks are already saturated in phosphorus and nitrogen, any additional nutrient load coming from the sewage lagoon would make the waters inhabitable for many species and therefore destroying an ecosystem that is necessary to the health of Lake Winnipeg waters.

Furthermore, human and animal waste can be composted and/or used to fertilize the thousands of hectares of neighboring farming land. As for slaughter waste, it can be recycled.

Thank you for taking my concerns into consideration and I hope that this project will be reconsidered. I look forward to hearing from you.

Sincerely,

[REDACTED]

## Sagan, Barsha

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**From:** [REDACTED]  
**Sent:** November 23, 2023 4:55 PM  
**To:** Coulibaly, Housseini  
**Cc:** [REDACTED]; Minister of Environment and Climate Change  
**Subject:** Notice for 7317434 MB LTD. - in opposition

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Hello,

I am writing this email to voice my opposition to the application for the lagoon and intensive animal agricultural operation related to the 7317434 MB LTD. Although I do not live in the area, pollution and contaminated water that will eventually wind up in Lake Winnipeg is everyone's problem.

There are far too many intensive animal agriculture operations in Manitoba already polluting our air and waterways. There needs to be a shift away from relying on animals for food. Incentives/support to switch to plant-based agriculture should be provided by government. Animal agriculture is a major contributor to greenhouse gases. Manitoba should be putting a cap on/ implementing a moratorium on new operations.

This province will never meet climate targets unless animal agriculture, especially factory farms, are addressed.

I would urge the committee to turn down the proposal for the benefit of all Manitobans who are concerned about this land and its future.

Regards,

[REDACTED]  
[REDACTED]

Keep calm. Plants have protein.

**Sagan, Barsha**

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**From:** [REDACTED]  
**Sent:** November 21, 2023 1:34 PM  
**To:** Coulibaly, Housseini  
**Subject:** Re: Following up from November 16th 2023 emails

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Good afternoon Hosseini, yes a public forum is what I am seeking.

Thank you,

[REDACTED]

On Tue, Nov 21, 2023 at 1:31 PM Coulibaly, Housseini <[Housseini.Coulibaly@gov.mb.ca](mailto:Housseini.Coulibaly@gov.mb.ca)> wrote:

Good afternoon,

Please note that this determination will be made by the people vested with such authority after the comment period closes. If the decision is made to allow public hearings (as I guess this is what you are asking for), local residents will be informed in due course of time and invited to participate in the discussions.

Thank you,

Hussein

Housseini D. Coulibaly, PhD

Environmental Approvals Branch

Department of Environment and Climate Change

Government of Manitoba

Box [35, 14 Fultz Blvd](#)

[Winnipeg, Manitoba R3Y 0L6](#)

Email: [housseini.coulibaly@gov.mb.ca](mailto:housseini.coulibaly@gov.mb.ca)

Mobile: 431-276-6465

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**From:** [REDACTED]  
**Sent:** Monday, November 20, 2023 4:48 PM  
**To:** Coulibaly, Housseini <[Housseini.Coulibaly@gov.mb.ca](mailto:Housseini.Coulibaly@gov.mb.ca)>  
**Subject:** Following up from November 16th 2023 emails

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Good afternoon, I am writing in follow up to my previous email reply seeking intervention and discussions regarding the Crystal Springs Colony project. I am requesting further dialogue in the matter. I am requesting to allow all affected persons be provided the opportunity to address the impacts of this project.

I am seeking a reply with response to the proposal I have requested as soon as possible.

Thank you,

[REDACTED]

**Sagan, Barsha**

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**From:** [REDACTED]  
**Sent:** November 16, 2023 1:04 PM  
**To:** Coulibaly, Housseini  
**Subject:** RM Armstrong lagoon development for colony

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Good afternoon, I am expressing much concern regarding the potential liabilities of such development without proper consultation been given. As a home owner with property [REDACTED] k and a well for drinking water I wish to have further public discussion prior any further developments are made. I request a meeting to address potential impacts to all persons in the RM of Armstrong and RM of Gimli be provided an opportunity to share concerns.

I further request that any advancement of this project does not meet the needs for indigenous consultation and needs to be considered.

Please notify me of your availability.

Thank you,

[REDACTED]