

Information Request Form Crystal Springs Lagoon Project

**Information Request
Number:**

Information Request No. 2

Submitted by:

The Rural Municipality of Gimli

Date Submitted:

February 6, 2026

Subject Matter:

Surface Water Management (Quality)

Reference document:

Willow Creek Integrated Watershed Management Plan

Request: The stated goal for Zone 2 is to improve the management of surface water to maximize economic benefit of cattle and forage crop production *while minimizing negative impacts downstream and to the environment* The project proposal does not achieve the goal statement for the watershed zone in which it resides. While the project proposal has accounted for BOD, it has not accounted for any other parameters of concern such as nitrogen and phosphorus.

The project proposal states that natural filtering of any contamination will take place along the Creek prior to reaching Lake Winnipeg. However, the stated objectives for Willow Creek under the Willow Creek Integrated Watershed Management Plan include the following:

- There will be a 10% **reduction** in nitrogen and phosphorus concentrations and/or loading in Willow Creek;
- There will be a **reduction** in the number of bacteria exceedances above the recreational water quality guidelines in Willow Creek.

The proposed drainage improvements will likely accelerate the migration of contaminants downstream and reduce potential for uptake. Given the foregoing, please provide the following information.

1. *Provide a quantitative analysis in relation to contaminant loading and treatment for the parameters beyond (i.e., nutrient loading) in order to demonstrate that no significant negative effect on water quality is likely to occur based on the current design.*
2. *Provide evidence to identify whether the proposed drainage works and loss of surface water retention will or will not aggravate the migration of contaminants?*
3. *Provide the proposed monitoring plans that demonstrate compliance prior to, and at the point of mixing with Willow Creek?*
4. *Describe how the Proponent will minimize negative impacts downstream and to the environment through discharge to Willow Creek?*
5. *As the Willow Creek Integrated Watershed Management Plan has included stated goals with measurable reduction in nutrients, bacteria, and TSS for Willow Creek, can the proponent provide alternative treatment plans that would meet these stated goals, as opposed to using Willow Creek for 'natural filtering of any contamination?*
6. *Further to Question 5, can the Proponent advise whether it has taken any steps to investigate the potential reliance on the Rural Municipality of Gimli Wastewater Treatment Plant as an alternative treatment plan for the contaminant discharge?*

