

**From:**  
**To:** [Hearings](#)  
**Subject:** Submission for the Oceania Dairy Ltd  
**Date:** Friday, 13 December 2019 6:26:57 PM

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I found it really hard to submit this. Please consider my late submission.

Oceania Dairy Plant is trying to get permission to be able to pump wastewater into the sea. In my personal opinion, they should not be allowed to. There are many reasons why, and as a 13 year old, I should not have to be the one to list them all. However, I will.

The first thing that I am going to tell you is the definition of the wastewater that is supposedly going to be pumped out onto the southeastern coastline. This wastewater is made up of; milk residue, cow feces and urine, bacteria, chemical cleaning materials, and water; at least. In the application notice the company have acknowledged that the discharge could result in contaminants entering the water, including but not limited too; "pathogenic microorganisms, nutrients, suspended solids, diluted cleaning products and dissolved salts".

The reason that they want to expand is because they don't have enough fresh water to be able to pump the wastewater into the fields without there being milk residue in the pipes which would lead to the pipes smelling and having to be replaced more often.

I am concerned about the yellow eyed penguins, (threatened and nationally endangered), little penguins, ( at risk and declining) and the Hector's dolphin, (nationally vulnerable). The ocean stretch from Timaru to Southland is identified as a habitat and foraging area for these three species. If the project is allowed, it will be pumping its wastewater right into the middle of this territory. These species already have a hard enough time from Dunedin pumping raw sewage into the water just out of sight of themselves. That however is another three page letter.

Oceania Dairy Ltd have estimated that they will pump 10,000,000 (10 million) litres of liquid into the Pacific Ocean every day. That is the same as four Olympic swimming pools every day. If the dairy plant is allowed to create this pipe line to the ocean it will also be able to expand its premises so that it can create more milk and farm more cows in the smaller amount of space.

If the dairy plant is allowed to expand it will be releasing more carbon dioxide into the air, some of which could be absorbed by the ocean and in a reaction with the salt in the water will turn into carbonic acid which creates an unsatisfactory environment for our beloved native sea creatures and our visitors from other oceans.

They shouldn't be allowed to pump water into the ocean, because it will have negative effects on the environment, and on the people that live on the coastline.

Thank you for reading my submission. I hope you take my words seriously and think everything through before you decide.

Yours Sincerely

Emily Gilbert