



Submission

Submitter:	Miss Nicole Ní Laochdha
Submission Title:	Submission to EPA
Submission Reference No.:	S005631
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Application

Applicant:	Dairygold Co-Operative Society Ltd and TINE Ireland Ltd
Reg. No.:	P1103-01

See below for Submission details.

Attachments are displayed on the following page(s).

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To Whom It May Concern,

I strongly oppose the Environmental Protection Agency granting a waste water discharge license to Dairygold and TINE Ireland to dump their effluent into Rathcoursey harbour.

As a resident of Jamesbrook for 24 years, I live by the water front and I have witnessed the detrimental effect that the mishandling of sewage has had on the area. I can also smell the horrid pungent sewage when the tide is out. The water is already polluted due to high levels of sewage going in each day. There is a scum on top of the water and also sludge which is a mixture of oil and sewage (please see pictures attached). One can only imagine the environmental impact that putting four million litres of effluent daily containing Fats, Oils, and Grease (FOGs) will have on this already polluted area.

On the alternatives front, the Kilmeaden Cheese factory had a constructed wetland built for cleaning up their wastewater. It was designed by Rory Harrington of VESI Environmental Ltd in Little Island, the same company that is designing the wetland system for Saleen, Co. Cork, which is four miles from the suggested entry point. Could a constructed wetland not be put in Mogeely to clean up the effluent before releasing it to open sea (like Garryvoe), or in this case an enclosed harbour?

The increased levels of phosphate and nitrogen will have an extremely negative impact on the marine wildlife as per Dr. Gordan Reid's submission based off the NUIG study. This waste could be used to produce new and more efficient sources of crop nutrition products such as that manufactured by Ostara a Canadian based company (www.ostara.com). Ostara a sustainable agronomics company, have developed technology to remove polluting nutrients from waste water and recycle them into fertilizer. They have created a product Crystal Green

which uses nitrogen and also phosphate as a main ingredient to reduce nutrient run-off and soil tie-up.

I would also like to reiterate the point that it is highly unlikely that the tides will flush out the majority of the waste to the open sea as Dairygold have claimed. As local residents, we have seen how pollutants, particularly the sewage, do not flush out and instead the dirt stays and accumulates within the harbour.

I would like to conclude by saying I think that the Dairygold Cheese Factory will be a fantastic addition to the East Cork area providing employment to the area, although I strongly object the proposed waste treatment plan because it is not sustainable. In my opinion, the sea, or an enclosed harbour in this circumstance, should not ever be considered a dumping ground.

Yours Sincerely,

Nicole Ní Laochdha.

Pictures taken on 13 July 2019 in Jamesbrook, Co. Cork.



