



MUNICIPALITY *of the*
COUNTY *of* KINGS

Hants Border Update

May 13, 2022

The Municipality of the County of Kings is working to address the intermittent odour coming from the Hants Border wastewater treatment plant.

Municipal staff have been monitoring the lagoons 5-6 days a week since early April to understand the cause of the intermittent odour. Mechanically, the treatment plant is functioning as designed, and the quality of the effluent processed at the plant is in compliance with regulatory requirements.

Here is what we know about the intermittent odour:

- The odour is coming from bacteria that rise to the surface of the lagoon on the warmer sunny days.
- The floating bacteria and resulting odour appears to be linked to reoccurring discharge of industrial waste, initially detected in October 2020, coming into the treatment plant from the community. We are working with West Hants and local industry to investigate the potential source of these materials. The treatment plant in Hants Border is not designed to handle industrial waste.
- The odour appears to be related to fluctuating temperatures causing the lagoons to churn up the floating bacteria as weather patterns transition from stable winter conditions to stable summer conditions. We are working to reduce the severity of the odour by physically removing the floating bacteria from the plant.

Based on the data collected over the past month (and last spring), the intermittent odour should subside within a couple weeks as weather patterns and temperatures continue to stabilize.

The filtration system at the plant will be upgraded this fiscal year in an effort to prevent and minimize odours in the future. The filtration system will prevent problematic inorganic materials, such as wipes and hygiene products, from entering the lagoons and clogging the aeration system.

We take concerns raised by the community seriously, and sincerely thank area residents for their patience as we work to address the odour.

For more information, contact:

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