



Dear resident,

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## **Maylands Lakes Water Quality Update**

We write to provide an update about the steps being taken to address the water quality and midge issues at Maylands Lakes.

Late rains have resulted in an increase in nutrients in the lakes, providing favourable conditions for midge breeding. We understand the impact that midge have had on residents surrounding the lakes, and we are continuing to take action to address this.

As explained in a letter sent to you in September this year, Council approved a number of measures to address the water quality of the lakes. The actions were based on a report from specialist consulting company, GHD, who were employed by the City to identify the most effective measures to address the issues and improve the water quality of Maylands Lakes. GHD recommended a number of actions including dredging, mechanical mixers and continued water quality monitoring – all of which are aimed at improving the water quality at Maylands Lakes and minimising midge in the area. The City is committed to this process.

The dredging of Lake Brearley will be undertaken in early February 2022, which is later than we had planned, however a specialist contractor is required for this work and they have advised the City that they are not available until this date.

Large mechanical mixers in Lake Brearley and Lake Bungana are in the process of being commissioned and are expected to be fully operational prior to Christmas. The mixers will increase oxygen in deeper water and create conditions that reduce the potential for nutrients to be released from the sediment. This is a sustainable, cost and energy effective approach using an established technology.

In September, the City installed two solar powered ultrasonic devices in Lake Brearley as part of a twelve-month trial. Early field observations indicate they are making a positive

impact, with a reduction in floating algae slicks and build-up of algae around the edges of the lake.

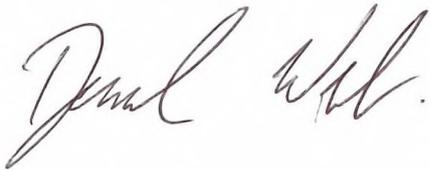
The City is also continuing to undertake larvicide treatments to help reduce midge numbers; and is monitoring water quality so we can measure the effectiveness of these actions.

We thank you for your patience and understanding as we work through these actions in an effort to improve the water quality at Maylands Lakes.

Unfortunately, there isn't just one solution to the issues being experienced, but we are committed to following the advice of GHD and working with the community to achieve the best possible outcome.

We will provide you with written updates over the coming months however for the most up-to-date information and updates, please visit the City's Engage Bayswater site at [engage.bayswater.wa.gov.au](http://engage.bayswater.wa.gov.au). This site will be updated regularly.

Yours faithfully,



**DAN WEST**

**MANAGER SUSTAINABILITY,  
ENVIRONMENT and WASTE**

**MICHAEL WORTHINGTON**

**MANAGER ENVIRONMENTAL HEALTH and  
STATUTORY BUILDING**