

Through flow options for Lake Carramar

Update for Lake Carramar residents

October 2017

Melbourne Water has completed the analysis and assessment of potential solutions to enable through flow to Lake Carramar.

Following the ESC's decision regarding Lake Legana and Lake Illawong, Melbourne Water was able to look at potential solutions to enable through flows to Lake Carramar, engaging specialist consultants Water Technology to identify preliminary concept options.

Thirteen options were considered which varied in scale, affordability and maintenance requirements.

They were assessed and rated against a number of criteria including:

- Can we be confident the algal bloom risk would be mitigated?
- What were the overall costs?
- What impact would it have on the aesthetics of the lakes?

Upon assessment of the potential options, a preferred solution has been selected for trial.

This solution involves utilising existing valves on the balance pipes to manipulate water levels in Lake Carramar.

This solution has the least capital cost therefore minimising future costs to residents, involves only minor changes to existing infrastructure and minor disruptions during construction.

Arrangements are being finalised to implement the solution for a trial period of two years, to ensure its effectiveness. Arrangements will be in place for this summer. Melbourne Water will continue to monitor the lake for levels of Blue Green Algae over the summer months while the trial is underway.

Once the trial is complete, we will assess its effectiveness, and subject to this outcome, survey residents on their willingness to pay for the ongoing service. We will endeavour to keep you updated on progress.

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