



ACT Basin Priority Project
Environment and Planning Directorate
GPO Box 158, Canberra City. 2601

The Tuggeranong Community Council (TCC) has had at the top of its agenda concerns about the health Of Lake Tuggeranong for some time. We would therefore like to make the following submission on Lake Tuggeranong Catchment Potential Water Treatment Options.

The TCC have been supporting the Tuggeranong Lake Carers (TLC) since their inception three years ago. The TLC was in fact formed after the Southern ACT Catchment Group (SACTCG) with the support of the TCC, put on a number of public forums in 2012, which resulted in the formation of the TLC to specifically look at ways to help fix the ongoing problems of the lake. Over time this group has looked at many ways to help reduce, in particular, the bad odours coming from the lake and the continual emergence of blue green algal growth (due to the build up of nutrients etc) during the summer months when people most want to enjoy the lake.

Looking at the Consultant's ideas, we agree that there should be in-lake as well as "Catchment options" and consideration needs to be given to the order to maximise benefits.

Catchment Options:

We believe there needs to be wetlands /bio retention systems and stormwater re-use on each of the main water sources to the Lake i.e. on the Tuggeranong Creek, Kambah and Wanniasa , Fadden/Gowrie creek/drainage lines. Therefore our options are in order of preference:

Option 25: Lake Tuggeranong Homestead – including water back to Tuggeranong Creek and appropriate wetlands

Option 3/4 : Kambah District Playing fields – wetlands and water reuse, including connecting to the big water tanks on the playing fields to lake water rather than using potable water.

Option 7: Tuggeranong surrounds – wetlands on the Kambah and Wanniasa inlets – link to in-lake options

Option 8: Wanniasa District Playing fields

Option 17 or 19 : Gowrie District Playing fields, downstream from Fadden or channel along Isabella drive

Option 11: Isabella Ponds - retro-fit existing ponds and update gross pollution trap



In Lake Options:

Irrigation: Could immediately look to link the lake water to Kambah Playing fields

Dredging: preferably without lowering the lake. Consider whether when this is done. Is it better after catchment wetlands are developed?

Wetlands/or floating reed bed on Kambah and Wanniasa inlets (see Option 7 in catchment option)

Fountains: Would help circulate water, but need to keep the needs of the Rowing Club, Sailing Club and Sea Scouts in mind when designing.

Glenys Patulny
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