

**From:** [REDACTED]  
**To:** [Seaplanes](#)  
**Subject:** Seaplane feedback - leaded aviation fuel  
**Date:** Thursday, 20 May 2021 11:33:28 AM

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To Whom it concerns

Thank you for the opportunity to provide feedback on the proposal to operate seaplanes on Lake Burley Griffin.

I raise the issue of leaded aviation fuel. Piston powered aircraft typically use a lead containing fuel known as avgas.

Significant health improvements have been made since Australia's road vehicle fuel standards prohibited lead in fuel. This positive impact has been particularly important for the intellectual development of children.

I encourage the NCA to consider the impact on lake users (on and around the water) and in surrounding suburbs of sea planes emitting lead at ground level and low altitudes. A degree of lead pollution in the air, water and soil would be inevitable. Increased environmental lead will have health impacts for the whole community but especially on children.

The two sea plane operators discussed in the proposal use a variety of aircraft.

The paper outlines Sydney Seaplanes' intention to fly Twin Otter aircraft into Canberra. The Twin Otter is a turbine powered aircraft. It uses jet aviation fuel which does not contain lead.

The website of Sydney Seaplanes also refers to their fleet of de Havilland DHC-2 Beavers. These older aircraft are piston powered and would therefore use leaded avgas fuel. Perhaps the NCA could clarify with the company if their proposal would ever include the Beaver aircraft landing on the lake.

South Coast Seaplanes is proposing to operate a Maule seaplane. This is a piston powered aircraft that uses leaded fuel.

In conclusion, please consider the impacts of lead pollution on the community and lake environment.

Regards  
Stephen Hyam