

Submission  
No 57

**INQUIRY INTO INQUIRY INTO PFAS CONTAMINATION  
IN WATERWAYS AND DRINKING WATER SUPPLIES  
THROUGHOUT NEW SOUTH WALES**

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Dear Secretariat,

The Saving Greene's PFAS and other compounds in solar panels, wiring, and coatings 23 September 2021 notes "According to the National Institute of Environmental Health Sciences, perfluoroalkyl and polyfluoroalkyl substances (PFAS) are toxic, persistent, and bioaccumulative.<sup>2</sup>" This submission goes on to describe the different uses of PFAS, which includes batteries, solar panels, and the foam used by firefighters to put out fires when using water to put out fires isn't an option. PFAS, are also known as forever chemicals which have been shown to cause cancer and are problematic and hazardous because it takes them a long time to break down, if ever.

The health hazards of PFAS to humans, wildlife and biodiversity are very concerning. On the 7th of July 2024, Info PFAS wrote, "PFAS are known for their persistence in the environment and their ability to accumulate in living organisms, including humans. This bioaccumulation can lead to harmful health effects, such as hormonal disruptions, fertility issues, and an increased risk of certain cancers."

In conclusion, PFAS are a very clear danger to human, terrestrial and mammal wildlife, including unique, valuable and irreplaceable biodiversity and ecosystems, therefore, I respectfully ask this Committee to put a ban on PFAS and stop them being used in wind turbines, solar panels, lubricating wind turbines, creating the fiberglass blades which should it crash to the ground, start a fire, or do a blade throw (all very common incidents with wind turbines) the fiberglass shards could very easily kill a child or animal if they picked it up and ingested it.

Kind regards,

Carol-Ann Fletcher

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