



NAME REDACTED

OBJECT

Submission ID: 213592

Organisation: N/A	Key issues: <i>Land use compatibility (surrounding land uses), Other issues</i>
Location: <i>New South Wales 2577</i>	
Attachment: N/A	

Submission date: 11/13/2024 3:21:09 PM

In an article in today's ABC <https://www.abc.net.au/news/2024-11-13/southern-highlands-residents-plea-stop-plastic-recycling-plant/104591790> it says

"GHD senior technical director David Gamble confirmed the factory's roller doors would be open for two to three minutes per truck movement, totalling "five hours a day".

He said negative air pressure would prevent microplastic from escaping but acknowledged a small risk of microplastics breaking off during the bailing of crushed materials."

I've just done a year 9 maths and science exam today, and based on this I calculate the doors would open 150 times a day, and at when they are opened, because of the negative air pressure, everything inside would blow outside really fast, like a balloon.

This means the machinery would need to be shut down for say 30 minutes for the microplastics to settle before each door opening so if they are opening 150 times this is 75 hours a day so it is not feasible. Even at 15 minutes or 10 minutes it doesn't work.

This needs to be built well away from waterways and population.
