



CHRISTINE MCGUIGAN

OBJECT

Submission ID: 207210

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| Organisation: N/A | Key issues: <i>Other issues</i> |
| Location: <i>New South Wales 2577</i> | |
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My main concern, out of the many many concerns raised by the possibility of Plasrefine being approved to proceed which will be presented by my united community, is that legislation, regulations & standards always lag behind the development of technology. Scientific awareness of problems created by technology precedes regulatory changes which then provide safer conditions. For example, tobacco, leaded petrol, radioactive & leaded paint, & herbicides such as Agent Orange were used widely even after their harmful effects were proven, because legislation, regulations & standards are very slow to change even when continued harm is being done.

In particular, & relevant to Plasrefine, the growing awareness of the irreversible harm to human & animal health caused by PFAS, & micro/nanoplastics is no longer disputed or unproven. The filtration proposed by Plasrefine is inadequate to remove micro/nanoplastics & PFAS from entering the adjacent riparian zone & subsequent entry into the waterways which provide Sydney's water supply.

However, regulated changes to adequate filtration & control of wastewater will not come into effect until long after the harm has been done.

While current regulations may not apply to the micro/nanoplastics & PFAS which will be released from Plasrefine in wastewater, future regulations will certainly attempt to reverse the harmful impact of this discharge.

My concern is that we know, right now, about the damage micro/nanoplastics & PFAS are causing human & animal health- please don't let Moss Vale become a contaminated area unusable for Biotech (as planned in the long awaited WSC Southern Highlands Innovation Park).

You would not allow lead or radioactive paint, leaded petrol, Agent Orange or other carcinogens to be released into our soil, air or waterways. Please don't allow Plasrefine to cause irreversible harm because regulations are lagging reality.

And don't forget the wider implications of damaging Sydney's water supply,
