



DOMINIQUE MEREDITH

OBJECT

Submission ID: 209506

Organisation: N/A	Key issues: <i>Social impacts, Visual impacts, design and landscaping, Land use compatibility (surrounding land uses), Traffic</i>
Location: 2575 New South Wales	
Attachment: N/A	

Submission date: 10/27/2024 11:21:28 AM

While I fully support recycling initiatives and acknowledge the pressing issues caused by our reliance on plastic, I firmly believe that the proposed site for the Plasrefine factory in Moss Vale is inherently unsuitable for a variety of critical reasons that concern both environmental, aesthetic and community.

The Plasrefine organisation needs to find a different sight for the following reasons:

Too close to residential housing with no buffer zone. Residential housing is less than 750 metres from the Plasrefine factory. This will have an effect on the residents health from pollutants, property prices, increase noise levels, lighting and it affecting the aesthetics of the area.

It is too close to a daycare centre, only 750 metres, schools, closest being 1.7km and sporting facilities, closest being 1.2km. Micro plastics have shown to cause health effects, such as growth and reproduction issues, oxidative stress, inflammation, physical stress, weakened immunity (Ferreira, I.; Venãncio, C.; Lopes, I.; Oliveira, M. Nanoplastics and marine organisms: What has been studied? Environ. Toxicol. Pharmacol. 2019, 67, 1â€“7) Is this what we want for our future generations to deal with?

Riparian, water ponds, about 10 metres from the factory. This is a concern for water pollution.

For the platypus in the Wingecarribee River that this riparian feeds into, plus long neck turtles in the area.

The Wingecarribee River feeds into the Sydney Water Catchment.

Large plastic factories have a high chance of fires. Our local fire stations are on call. To have a large factory fire, it would take over 1 hour for other units to come in from out of the area. A plastic fire can spread 60 cm per second (Burke, R., & Daley, M. (n.d.). Plastics & Polymerization: What Firefighters Need To Know. Firehouse Magazine. <https://www.firehouse.com/rescue/article/10544313/plastics-polymerization-what-firefighters-need-to-know>). This is a fast fire that will be releasing toxins into the air. What will be done about this?

The number of trucks entering will increase wear on our roads that are not made for this. The cost of upkeep of roads and the changes that the Plasrefine company are suggesting will put undue financial hardship on local ratepayers. Plus the negative impact of that much increased traffic on safety, noise and dust.

The main doors of the factory are facing the west which is the direction of prevailing winds in the Southern Highlands for over 7 months of the year. This will increase the risk of the micro plastics being blown out into the environment coating all surfaces.

The factory will be an eyesore. The beauty of the area is something valued by all, this will be impacted by a huge factory being able to be seen for a number of kilometres in many directions. This will affect business and value of property prices.

The SHIP is not for heavy industry which the Plasrefine factory is. The Plasrefine factory does not fit the masterplan of the area. Don't sink the SHIP.

Given that the SHIP is not designed to accommodate heavy industry, it is essential that we explore alternative locations better suited for such facilities, which possess the necessary infrastructure without compromising community health, environmental integrity, or the region's aesthetic value; thus, I urge the NSW Government



New South Wales Government
Independent Planning Commission

Independent Planning Commission to reconsider the appropriateness of this site for the Plasrefine factory.
