



NAME REDACTED	OBJECT	Submission ID: 215180
Organisation: N/A	Key issues: <i>Social impacts, Visual impacts, design and landscaping, Land use compatibility (surrounding land uses), Traffic, Other issues</i>	
Location: New South Wales 2575		
Attachment: N/A		

Submission date: 11/18/2024 9:31:43 AM

*There are four key areas of concern that I have in relation to Plasrefine.*

*1. Environmental impact: The expected emission of airborne volatile organic compounds leading to the possible degradation of air quality & contaminants in water resources including Sydney water catchment.*

*The potential release of microplastics into the environment during processing, affecting local ecosystems & human health.*

*The plant being located near sensitive environmental zones, including Riparian area that drains into Wingecarribee River.*

*Air quality possibly affected by emissions from the plant, impacting health of children & staff at nearby schools & community centres.*

*2. Proximity to Residential areas: The Plant being located just over 200m from residential areas raises concerns about land use, noise & traffic. Increased traffic from heavy vehicles transporting materials in & out of plant. A potential for traffic congestion in the local community, leading to an increased risk of safety for children & locals + affecting local business.*

*3. Community opposition: Potential to affect the communities perception of their local area + noise concerns, affecting local morale & potentially deterring families from engaging in nearby education & recreational facilities, which may further impact local business.*

*4. Health risks: The emissions from the plant and the additives used in the recycling process, pose the potential for several health risks including; Respiratory disease, Hormone function, reproductive issues, metabolic disorders & certain Cancer's.*

*Toxins potentially leaching into the environment contaminating soil, water & air, potentially leading to developmental disorders, obesity among others.*

*Chronic exposure to chemicals released during processing leading to potential for Chronic inflammatory diseases, oxidative stress, DNA damage which potentially causes other health problems.*

*While these concerns remain & no viable solutions are presented to the Community to prove completely that this is a safe project, I cannot support this project.*

*I believe in protecting our environment & plastics are a big concern that we do need to deal with as a society. Where they are located is really important. Being near Residential & community areas is not appropriate until all safety concerns can be properly met.*