



NAME REDACTED

OBJECT

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To Whom It May Concern,

I am writing to express my deep opposition to the proposed development of the Plasrefine facility in Moss Vale. While I understand the need for innovative waste management solutions, the environmental and public health risks associated with this project far outweigh any potential benefits.

One of the most alarming concerns is the inevitable release of microplastics into the environment. Studies have already shown the pervasive presence of microplastics in our water supply, with devastating consequences for both human and ecological health. Facilities like Plasrefine, which involve the processing of plastics, pose a significant risk of exacerbating this issue.

Microplastics are nearly impossible to remove from water systems, and their consumption has been linked to severe health outcomes, including:

-Hormonal Disruption: Chemicals in plastics, such as bisphenols and phthalates, are known endocrine disruptors, which can lead to reproductive issues, developmental problems in children, and chronic illnesses.

-Inflammation and Organ Damage: Studies show that microplastics can trigger inflammation and accumulate in organs, potentially leading to long-term damage.

-Increased Cancer Risk: Several plastic-derived chemicals have been classified as carcinogens.

-Cardiovascular and Respiratory Risks: When ingested or inhaled, microplastics can contribute to systemic inflammation, exacerbating heart and lung conditions.

Furthermore, the environmental impact of microplastic pollution is catastrophic, affecting aquatic ecosystems, agriculture, and the overall integrity of the food chain. Our reliance on clean water is non-negotiable, yet developments like Plasrefine directly threaten this vital resource.

Rather than investing in technologies that perpetuate plastic processing, I urge your office to prioritise sustainable alternatives, such as reducing plastic production, promoting biodegradable materials, and improving recycling infrastructure. By doing so, we can protect public health, preserve our water supplies, and safeguard the environment for future generations.

I strongly encourage you to reconsider this project and consult with experts in environmental science, public health, and sustainable development to explore safer, forward-thinking solutions. Our collective future depends on the decisions we make today.

Thank you for your time and consideration. I look forward to your response and hope that you will take swift action to prevent the development of Plasrefine.

Sincerely,

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