



**NINA EVANS**

**OBJECT**

Submission ID: 207583

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| Organisation: N/A              | Key issues: <i>Visual impacts, design and landscaping, Land use compatibility (surrounding land uses), Traffic, Other issues</i> |
| Location: New South Wales 2576 |  |
| Attachment: N/A                |  |

Submission date: 10/24/2024 6:00:38 PM

*I am writing to formally object to the proposed development of the Plasrefine plastic recycling facility at Moss Vale. While the goal of reducing plastic waste is important, I have significant concerns about the environmental and health risks this development poses to our community. My objections are based on the following points:*

**### 1. Air Quality Impacts from Microplastics and Chemical Emissions**

*Plastic recycling processes can release microplastics and hazardous chemicals into the air, posing a serious threat to human health. Microplastics are tiny particles that can be inhaled and accumulate in the lungs, potentially leading to respiratory issues such as asthma, bronchitis, and even more severe lung diseases. Long-term exposure to airborne microplastics has been linked to inflammation and immune system disruption, which can exacerbate chronic health conditions.*

*Additionally, the recycling process often involves the release of volatile organic compounds (VOCs) and other toxic chemicals, which further degrade air quality. These chemicals, when inhaled over time, can lead to serious conditions such as cancer, neurological damage, and cardiovascular problems. Vulnerable groups, including children, the elderly, and those with pre-existing respiratory conditions, are particularly at risk. The introduction of such emissions in Moss Vale would undermine the health and well-being of residents.*

**### 2. Threats to Waterways from Riparian Zone Disruption**

*The proposed site is situated on two riparian zones, which serve as essential buffers that protect local waterways from pollution. Any leaks, spills, or run-off from the facility could severely contaminate these water bodies, leading to long-term damage to the local ecosystem. This could result in the degradation of water quality, affecting both wildlife and agricultural operations that rely on clean water for irrigation and livestock. Furthermore, once plastic contaminants enter the waterways, they can persist for decades, causing harm to aquatic life and potentially entering the human food chain.*

**### 3. Increased Road Traffic and Safety Concerns**

*The proposed facility's operation will involve trucks running for 12 hours a day, significantly increasing heavy vehicle traffic in and around Moss Vale. Local roads, which are not designed to handle such volumes of industrial traffic, will suffer from accelerated wear and tear, leading to costly repairs and infrastructure upgrades. Moreover, increased truck traffic raises concerns about road safety, particularly for residents, cyclists, and pedestrians who share these roads.*

*The constant flow of trucks will also contribute to noise pollution, which will negatively impact the quiet, rural lifestyle that is characteristic of Moss Vale. Residents in nearby areas will be subjected to increased noise levels throughout the day, disrupting their daily lives and diminishing the appeal of the town for both current residents and potential visitors.*

**### 4. Negative Impacts on Visual Amenity**

*The absence of a buffer zone between the proposed development and nearby residential areas is deeply concerning. The visual intrusion of a large-scale industrial facility, with its associated equipment, trucks, and infrastructure, would dramatically alter the rural and scenic character of Moss Vale. Residents and visitors value the region's natural beauty, which is a key aspect of the local lifestyle and economy. The presence of an*



*industrial facility so close to homes will likely reduce property values and degrade the overall visual appeal of the town, which in turn could impact tourism and the broader community's economic future.*

*In conclusion, while the need for recycling is clear, the location and scope of the Plasrefine facility raise significant concerns regarding air quality, waterway protection, traffic, and the overall character of Moss Vale.*

*Thank you for considering my objection. I sincerely hope that a more suitable alternative location can be identified.*

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