



BRUCE PRYOR

OBJECT

Submission ID: 209401

Organisation: <i>N/A</i>	Key issues: <i>Other issues</i>
Location: <i>2578 New South Wales</i>	
Attachment: <i>Attached overleaf</i>	

Submission date: 10/26/2024 5:25:30 PM

please see my uploaded file. Thank you.

Plasrefine Proposal : Moss Vale Plastics Recycling

Facility : Application No SSD-9409987 Location 74-76 Beaconsfield Road,
Moss Vale (Part Lot 11 DP 1084421) Applicant Plasrefine Recycling Pty Ltd

Council Area: Wingecarribee Shire

Consent Authority: Independent Planning Commission

To the IPC

Dear sir/Madam,

My name is Bruce Pryor & my wife & I have been residing in Bundanoon for over 35 years. We chose to live here because of the natural beauty of & the “clean environment’ offered within The Southern highlands.

I have serious concerns about the potential for the proposed Plastics Recycling Facility to be located at Moss Vale for a range of reasons.

My initial response was to question a variety of issues that will arise from the proposed recycling facility, such as.:

The ongoing damage to the local road Pavement due to the high number of Heavy truck & general associated vehicular movements, in & out of the facility.

The added congestion to our local roads that are already suffering due to the overall growth in the shire.

Air Pollution, Waterway Pollution are also concerns but I leave those matters for others with knowledge in those areas to address them.

I have recently had extensive consultation with an **industry expert** who has had over 50 years in the Plastics industry (whose knowledge is second to none) & he is still consulting there.

In conversation with him I have been made aware of a variety of issues & concerns that are probably **not common knowledge** & do need to be addressed and answered by Plasrefine before they are allowed to proceed.

Handling & Storage..What proposal has Plasrefine given to the handling & storage of the incoming unsorted waste, given that within the plastics recycling industry there is an acknowledged major issue regarding **Rodent control**, due to the mixing & **often unregulated & highly contaminated** waste stream that Plasrefine may have no control over appearing on site at Moss Vale. ?.

Odour & Air Pollution..This then begs the question regarding odour, even before processing, which is the bane of such facilities everywhere. There is no question that the accepted wind patterns across the Shire (& in this case in point), across the landscape surrounding the proposed facility, will have the **odour generated**, either emanating from the unprocessed bulk waste itself, or any **air pollutants** as a byproduct of the recycling & manufacturing processes on site.; potentially drifting on varying wind patterns and end up being distributed through areas of Berrima, Moss Vale through to Burradoo & even to Bowral. What steps will Plasrefine take to control same & how do they actually propose to counter this.?

Contaminated Waste Stream..It is acknowledged within the plastic Recycling industry that **contamination** in the separation of the waste plastics is of major concern as **even minute quantities** of different plastics inadvertently mixed can render large processed batches totally **unstable** & therefore unusable in any form & will potentially end up in land fill.

Waste Materials Sorting..What machinery/Technology do Plasrefine propose to introduce & utilise within the sorting process, to guarantee the necessary initial **Fine Sorting & Separation** of Materials/ Plastics that is absolutely required.? The streams of materials produced, have to be & **must be kept separate**. Importantly, the separation of Resin families that engineering materials are produced from(eg Nylons), must also be **collated independently** from all packaging resins (eg: Polyethylene and Polypropylene).The potential here is for a badly managed facility, producing hundreds of tonnes of **unstable plastic mixes** that could, in the end, render the facility an absolute white elephant & an unsaleable disaster.

Industrial Contaminants.. What consideration has been given to & how does Plasrefine propose to identify & deal with plastic containers that have held industrial **Chemical contaminants**.? Cleaning ALL plastics for recycling will require **Extremely High temperature** washing with detergents which potentially will guarantee an extremely toxic waste water entering the Shires waste water stream which has to be viewed as an **unsustainable** addition there. What actual water treatment facilities are proposed to be **installed in the first instance** to filter and treat these chemical wastes to avoid them entering the Shires waste water/Sewerage system.? What basic water recycling is proposed onsite to lighten the load they anticipate drawing from the initial source..?

Growth & Expansion..What consideration has been given to the potential growth/expansion in demand for Plastics recycling at the plant once it is established. It is generally accepted that once a facility of this nature is introduced as a processing unit, then the expansion of the draw down radius for recycling tends to grow organically. Has Plasrefine made provision for & have the company prepared plans for future expansion of the processing plant?

Power Demand..How much drain on the **Local Power Grid** will the facility demand whilst working at optimum capacity.?

The Granulator..What consideration has been given to the **extreme noise & Vibration** factor the Granulator will produce while operating. Apart from local community concerns here, the immediate adjacent proximity to the **Australian Bio Resources** facility (Garvan Institute) should be of real concern here as strong vibration will potentially create major health issues for the animals housed there. Also the air pollutants from Plasrefines operation would be detrimental to the animals and inevitably put pressure on the existing ABR operating air conditioning units.

Determination.. Before any governing body should make any determination on the acceptability of this operation as proposed, Plasrefine (apart from addressing the issues as outlined above), should be able to show & identify, potential end use purchasers of the product lines to be produced at the Moss Vale facility & like any other fledgling industry, unless (BOA'S), Binding Offtake Agreements are in place, then caution should be at the forefront of everyone's minds as to the viability of this particular proposal.

Yours sincerely

Bruce Pryor

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