



STEVEN WILLIAMS

OBJECT

Submission ID: 215538

Organisation: N/A	Key issues: <i>Land use compatibility (surrounding land uses), Traffic, Other issues</i>
Location: New South Wales 2577	
Attachment: N/A	

Submission date: 11/18/2024 10:58:16 PM

I object to the development, not because of what it is, but because it is being proposed in the wrong place.

We all know that with the large quantity of hard plastic wastes being generated combined with ever filling landfill sites, we have to redirect wastes to recycling wherever possible, so these facilities are needed.

These facilities must be located as close as possible to the source, as transport of the plastic waste from the metropolitan sorting plants to what is a relatively remote processing facility involves unnecessary additional carbon emissions from transport, leakage of liquids entrained in the waste onto roadways, and is an unnecessary contributor to congestion. The only reason Moss vale could have been selected by the proponent was cheaper land, as locating it in a town outside of Sydney adds considerably to the costs of transporting wastes in and products out, makes it harder to find labour, both skilled and unskilled to operate the plant and to engage suppliers to build and maintain the facility, invites opposition to the development as the site is inside the township boundaries and is close to sensitive neighbours such as residential areas, childcare, schools, and the Garvan institute. A 24/7 day operation as proposed is just not compatible with the existing land use in the surrounding area and will adversely effect neighbouring residents and facilities as well as the wider Moss vale community from truck movements and emissions to air and water

Without the controls proposed by the developer, this operation is likely to be both hazardous and offensive from the odours it would generate, liquid wastes and dusts generated, and fire risk. The developer has invested a large sum to have a specialist consultant to propose a large suite of control measures so that the plant meets planning criteria for risk, noise, odour, and other emissions. However, the developer has no experience in operating these facilities and in fact, from the little we know of the principal, his record does not inspire confidence that the business will be a capable operator at all. Yet once it is built, we will be stuck with it, and the regulators will be under pressure to allow it to operate even if it operates to a standard well short of those proposed so that the jobs generated and taxes paid are not at risk

The size of this plant's throughput requires considerable truck movements from sorting plants in Sydney to the proposed location, the sum of distances travelled in these movements would be substantially reduced if the operation was in outer metropolitan Sydney. Similarly, the treated effluent from the facility, rather than being disposed of into Sydney Water's trade waste system where it would either end up in ocean outfalls (ideally) or in the Hawksbury /Nepean river system will unnecessarily flow into Water NSW's dams providing drinking water for much of Sydney.

The proposed operation's site, not only being inappropriately located and inconsistent with the land's zoning, is too far from major roads for the large number of truck movements proposed, such operations must be close to major arterial roads to eliminate the need for the number of truck movements down local access roads.

The proposed water balance not believable. They are proposing to use 5-15 kilolitre a day to process 400 tonne of plastic waste per day. The incoming waste would itself have at least 5% of its mass as adhered/ entrained liquids and dried solids, so that's 20 tonnes of liquid and solids to be washed from the granulated waste. To get anywhere near this very low water consumption, the wash water must be recycled many times within the plant, and while suspended solids can be removed as proposed, dissolved salts are not so easily removed, so the effluent will be heavy with salts, these can't be removed by the local council run sewerage plant either, so will end up in the river and in Sydney's water supply. Rain water collected on site is proposed to



be used, that's fine, but with the ever drying climate, there will be long periods with below average rainfall- such as the recent millennium drought and the 2017-2020 drought , and the area does not have high quality water resources or access to desalinated water from the ocean, we don't need industries that are water hungry that compete with our limited water resources. They will find that water needs will be closer to those proposed in their first submission, at least 40 kilolitres a day before this number was artificially reduced after the negative feedback on their proposed consumption.

This operation must be located in an outer metropolitan industrial area with appropriate zoning for the facility where a 24/7 operation is not unusual , close to sorting plants, with good access to major roads and the port for export of the resins produced, good access to large labour and support resources , with good access to rivers or the ocean that are not drinking water sources for effluent disposal.

Many submissions have been made with the same messages and the proposal is not supported by Council, how the proposal can be supported by the DOP given the sum of evidence against it's approval makes no sense to me, as it should not be approved, not even with the most stringent conditions of consent.
