

Michelle Waters

# PLASREFINE SCORE CARD

Component	Description	Importance	X
Zoning	Site should be zoned for heavy industrial use	Critical	✓
Land size	Minimum 10 hectares to accommodate facility and future expansion and essential services access	Critical	
Environmental sensitivity	Away from sensitive ecosystems, wetlands, drinking water catchments and groundwater protection areas	Critical	
Separation distance	At least 1.5km buffer from residential areas	Critical	
Transport infrastructure	Easy access to major arterial roads for truck movements	High	
Water supply	Adequate water supply for processing needs	High	
Wastewater infrastructure	Capacity to handle wastewater from recycling processes	High	
Power supply	Sufficient electrical capacity for large-scale operations	High	
Flood risk	Outside of flood-prone areas	High	
Soil stability	Relatively flat and Geotechnically stable land	High	
Air quality impact	Minimal impact on surrounding air quality	High	
Noise impact	Ability to manage noise and vibrations within acceptable limits	High	
Visual impact	Minimal visual impact on surrounding landscape	High	
Proximity to plastic waste sources	Reasonable distance to major plastic waste generators	High	
Proximity to end markets	Close to potential buyers of recycled plastic products	High	
Workforce availability	Access to skilled labour pool	High	
Community acceptance	Level of community support for the facility	High	
Government	Backing from local council and authorities	High	
Potential for resource recovery precinct	Opportunity for co-location with complementary industries	Medium	