

Reproduced from the applicant's 2019 Bioaerosol & Odour Risk Assessment (Appendix A – Environmental Risk Assessment), as reproduced within the objection dated 15 April 2025

Process	Source	Hazard	Receptor	Transport mechanism	Pathway	Probability	Magnitude and frequency	Risk assessment	Justification of assessment	Risk management procedures & references
Incoming vehicles	Odorous wastes	Odour nuisance	Residents, public highway, employees	Airborne	Odorous air carried to receptors	Low	Moderate magnitude offensive Transient odour nuisance from passing vehicles	Low	The location of dwellings is shown on the drawings. Those along the access roads to the site are relevant to this risk. Wind and dilution will rapidly disperse any releases from vehicles.	The sources of waste will be controlled so that uncontrollable wastes are excluded from delivery. Wastes will be delivered in covered vehicles to minimise emissions. Complaints will be monitored and action taken to prevent re-occurrence.
Reception of green wastes	Green waste	Odour nuisance	Residents, employees	Airborne	Disturbance of waste mass releases odorous gases which are carried to receptor.	Moderate	Moderate magnitude moderate offensiveness daily	Moderate	Sensitive dwellings at least 500m from the site. Monitoring and control of wastes accepted to the site will enable control over future loads of waste which cause an unacceptable level of odour when unloaded.	Operators trained. Consideration of material quality, volatile material noted. Fresh material delivered to site. Significant blend of woody material, maintains ventilation, reduces heating. Irrigation available to damp down. The topography increases wind speed over the processes thus dispersing odour. Complaints will be monitored and action taken to prevent reoccurrence.
Shredding green wastes	Odorous wastes	Odour nuisance	Dwellings, employees	Airborne	Disturbance of waste mass releases odorous gases which are carried to receptor.	Moderate	Moderate magnitude.	Low	Residents over 500m from the location of the shredder. The buildings and field boundaries are a barrier between residents and the shredder. Most frequent winds are away from the residents.	Material to be utilised quickly. Frequent shredding to avoid anaerobic conditions in stockpiles.
Windrow formation	Odorous wastes	Odour nuisance	Dwellings, employees	Airborne	Disturbance of waste mass releases odorous gases which are carried to the receptor.	Moderate	Moderate magnitude. As required to make windrows.	Low	Windrow location is over 500m away from the sensitive receptors. Experience of management by applicant of similar operations	Windrow composting located as far away as possible from the nearest receptors. Avoidance of unfavourable wind direction. Odorous material can be transferred to in vessel composting.
Green waste composting	Odorous wastes	Odour nuisance	Dwellings, employees	Airborne	Turning of the waste mass releases odorous gases which are carried to the receptors.	Low	Moderate magnitude	Low	There is the potential for the composting process to become anaerobic, which would increase the probability of odours. This is reduced by adherence to process procedures. No previous complaints for green wastes operations at the site managed by the applicant.	Windrow composting located as far away as possible from the nearest receptors. Avoidance of unfavourable wind direction. Low intensity activity. Addition of water to windrow. Turning to maintain aeration. Temperature monitoring to control organisms. Damping down available.
Screening	Odorous wastes	Odour nuisance	Dwellings, employees	Airborne	Processed materials release odorous gases when screened	Low	Low magnitude. Low offensiveness.	Low	Stockpile of the material allows flexible management of operation.	Screening from the stockpile can be avoided in unfavourable wind conditions in consideration of sensitive receptors.
Loading vehicles	Odorous wastes	Odour nuisance	Dwellings, employees	Airborne	Disturbance of processed material releases odorous gases	Low	Transient odour nuisance during loading	Low	The processed compost product is non-odorous and presents a minimal risk to receptors.	Provided the composting process has been properly controlled the product is non-odorous.
Transport of finished compost	Odorous wastes	Odour nuisance	Public highway	Road transport of odorous material	Leakage from vehicle	Low	Low magnitude. Low offensiveness. Escaped compost may emit odours on routes from the site	Low	The processed compost product is non-odorous and presents a minimal risk to receptors.	Provided the composting process has been properly controlled the product is non-odorous.

Source: Applicant's 2019 Bioaerosol & Odour Risk Assessment (prepared for the withdrawn planning application PA19/07467)