

Source	Pathway	Receptor	Harm	Likelihood	Consequence	Magnitude of Risk	Justification of Magnitude	Risk Management	Residual Risk
Release of particulate matter (dusts) and micro-organisms (bio aerosols)	Atmosphere and then inhalation	Local human population & Site staff	Harm to human health (respiratory irritation and illness)	n/a	High	n/a	No release of particulates	n/a	n/a
	Atmosphere and then deposition	Local human population	Nuisance –dust on cars, clothing etc.	n/a	Medium	n/a	As above	n/a	n/a
Release of litter	Atmosphere and then deposition	Local human population and livestock	Nuisances, loss of amenity and harm to animal health	n/a	Medium	n/a	Waste inputs do not contain a light fraction	n/a	n/a
Mud on Roads	Vehicles leaving site	Local human population and livestock	Nuisances, loss of amenity and road traffic accidents	n/a	Medium	n/a	Waste types do not generate mud. Vehicles unlikely to arrive muddy.	n/a	n/a
Odour	Atmosphere and then inhalation	Local human population	Nuisances, loss of amenity	n/a	Medium	n/a	Molecular nitrogen and oxygen are not odorous.	n/a	n/a
Noise and vibrations	Atmosphere and ground for vibrations	Local human population	Nuisances, loss of amenity	n/a	Medium	n/a	The destruction system has a low noise profile.	n/a	n/a

Animals, Pests and insects	Atmosphere and land	Local human population	Nuisances, loss of amenity, harm to health	n/a	Medium	n/a	Waste types do not attract pests	n/a	n/a
Spillage of leachate from waste, contaminated rainwater run-off	Direct runoff from site across ground surface via surface water drains	Surface water	Environmental Harm	n/a	Medium	n/a	Process is for gasses only	n/a	n/a
		Groundwater	Environmental Harm	n/a	Medium	n/a	Process is for gasses only	n/a	n/a