

Old Whittington Tankered Waste Imports Bioaerosol risk assessment

Source	Secondary Source	Hazard	Pathway/ Occurrences	Receptor	Probability of a Pollutant Linkage	Severity of the Consequences	Risk Classification	Risk Management	Procedure
Reception and offloading of waste	Bioaerosols	Microbial infections. Allergies.	Inhalation of spores, bacteria, etc.	Humans	Very Low	Severe	Low	No release point, offloading through sealed pipe and connector. Only liquid wastes accepted with limited potential to generate bioaerosols.	All pipes and connectors checked for integrity any damaged equipment removed from service and replaced. Waste pre-acceptance procedure. Waste acceptance procedure.
Discharge of effluent to WwTW	Bioaerosols	Microbial infection. Allergies.	Inhalation of spores, bacteria etc	Humans	Very Low	Severe	Low	No release point, discharge into wastewater inlet below liquid level. Only liquid wastes accepted with limited potential to generate bioaerosols.	Waste pre-acceptance procedure.