

Rainham RDF throughput and storage volumes

Part of additional information submitted to the EA in December 2025 to add an RDF storage activity to the Rainham permit EP3136GK

Name of the waste operation	Description of the waste operation	Annex I (D codes) and Annex II (R codes) and descriptions	Hazardous waste treatment capacity (if this applies)	Non-hazardous waste treatment capacity (if this applies)
RDF storage	Storage of RDF	R13 D15	N/A	N/A
For all waste operations	Total storage capacity (RDF)		16,650m ³ (maximum amount of RDF stored on site) Assuming baled density of 0.8t/m ³ , 13,320 t [depends on factors such as the compression / density within the bale]	
	Total storage capacity (compost)		27,000 (maximum amount of compost stored on site) 0.75t/m ³ compost - 15,750 t 0.7t/m ³ wood / oversized - 3,360 t Total approximately of 19,110 t [highly dependant on the water content of the material]	
	Total storage capacity (wood)		10,050 (maximum amount of Wood stored on site) 0.7t/m ³ wood as an average - 7,035 t [dependant on water content and fraction size]	
	New if varying to increase		N/A	
	Annual throughput (tonnes each year)		150,000 - in combination with AR5 (composting) and AR16 (wood)	
	New total if varying to increase		N/A	