

Attachment-4-3-6-Maximum Waste Accepted Calcs

The table below outlines the proposed Maximum Accepted Waste Totals for the facility broken down as required in the Application Form.

Table 1 Proposed waste quantities for acceptance at the Drehid WMF

Facility Infrastructure	Waste Type/Source	Maximum Incoming (TPA)	Of Which		Life of Facility
			Disposal to Landfill (TPA)	Recycling, Recovery or Process Losses (TPA)	
Extension to existing Landfill with intake increased from 120,000 TPA to 250,000 TPA	Non-hazardous household, commercial & industrial and C&D wastes	320,000	250,000	-	25 Years
New Processing & Recovery Facility (70,000 TPA)	Inert soil & stones and C&D Waste (Rubble)		-	70,000 Recovery – remains onsite for use as Engineering & Construction Material	25 Years
Existing Composting Facility increased from 25,000 to 35,000 TPA	Non-hazardous MSW and Other Organic Waste	90,000	40,000 Rejects and Biostabilised Compost Like Output	30,000 Process Losses	Unrestricted
New MSW Processing & Composting Facility (55,000 TPA) as an extension to existing Composting Facility				20,000 Recyclables and RDF/SRF ¹ - Outgoing	
Contingency Capacity (30,000 TPA) – Landfill Disposal as requested by RWMPO	Non-hazardous household, commercial & industrial and C&D wastes	30,000	30,000		25 Years
Total		440,000	320,000	120,000	

¹ RDF = Refuse Derived Fuel; SRF = Solid Recovered Fuel

Table 1 above summarises the anticipated waste types for acceptance at the Drehid WMF subdivided as max incoming TPA and Disposal to Landfill (TPA), Recycling, Recovery or Process Losses (TPA).

The maximum quantities for acceptance to the following infrastructure will not be exceeded:

- Additional Landfill Capacity – 250,000 TPA of Non-hazardous household, commercial & industrial and C&D wastes for disposal.
- Processing & Recovery Facility – 70,000 TPA of Inert soil & stones and C&D Waste (rubble) as engineering materials for recovery.
- MSW Processing & Composting Facility – 90,000 TPA Non-hazardous MSW and Other Organic Waste for recycling, recovery and composting.
- Contingency Capacity – 30,000 TPA (household, commercial & industrial and C&D wastes)
- Maximum Incoming of 440,000 TPA