

Attachment E2: Waste Types

Wastes to be accepted at the facility

The types of waste to be accepted at the facility are listed in the table below, in relation to EWC codes.

The site will accept a maximum of 90,000 tonnes annually, from household and industrial/commercial sources. Exact quantities from each source will be variable and will change over time (for example, if Westmeath introduces a brown bin collection, additional household waste can be accepted at the site).

EWC Code	Description	Tonnes per annum (approx)
02	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING	Category Heading See Detail Below
02 01	Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing.	Sub-heading See Detail Below
02 01 07	Waste from forestry	some potential
02 03	Wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation.	Sub-heading See Detail Below
02 03 01	Sludges from washing, cleaning, peeling, centrifuging and separation	some potential
02 03 04	Materials unsuitable for consumption or processing (<i>of vegetable origin</i>)	some potential
02 03 99	Wastes not otherwise specified (<i>of vegetable origin</i>)	some potential
02 06	Wastes from the baking and confectionary industry	Sub-heading See Detail Below
02 06 01	Materials unsuitable for consumption or processing (<i>from baking & confectionary</i>)	some potential
02 06 99	Wastes not otherwise specified (<i>from baking & confectionary</i>)	some potential
02 07	Wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa).	Sub-heading See Detail Below
02 07 01	Wastes from washing, cleaning and mechanical reduction of raw materials	some potential
02 07 02	Wastes from spirits distillation	some potential
02 07 04	Materials unsuitable for consumption or processing	some potential
02 07 99	Waste not otherwise specified (<i>from beverage production</i>)	some potential
03	WASTE FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD	Category Heading See Detail Below
03 01	Wastes from wood processing and the production of panels and furniture	Sub-heading See Detail Below

EWC Code	Description	Tonnes per annum (approx)
03 01 01	Waste bark and cork	some potential
03 01 05	Sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04 (<i>i.e. not containing dangerous substances</i>).	some potential
03 01 99	Waste not otherwise specified (<i>from wood processing</i>)	some potential
03 03	Wastes from pulp, paper and cardboard production and processing	Sub-heading See Detail Below
03 03 01	Waste bark & wood	some potential
03 03 07	Mechanically separated rejects from pulping of waste paper and cardboard	some potential
03 03 08	Wastes from sorting of paper and cardboard destined for recycling	some potential
03 03 99	Waste not otherwise specified (<i>from paper and cardboard processing</i>)	some potential
04	WASTES FROM THE LEATHER, FUR AND TEXTILES INDUSTRIES	Category Heading See Detail Below
04 02	Wastes from the textile industry	Sub-heading See Detail Below
04 02 10	Organic matter from natural products (for example grease, wax)	some potential
04 02 99	Wastes not otherwise specified (<i>from textile industry</i>)	some potential
15	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Category Heading See Detail Below
15 01	Packaging (including separately collected municipal packaging waste)	Sub-heading See Detail Below
15 01 01	Paper and cardboard packaging	some potential
15 01 03	Wooden packaging	some potential
17	CONSTRUCTION AND DEMOLITION WASTES	Category Heading See Detail Below
17 02	Wood, glass and plastics.	Sub-heading See Detail Below
17 02 01	Wood	some potential
19	WASTES FROM WASTE MANAGEMENT FACILITIES	Category Heading See Detail Below
19 06	Wastes from anaerobic treatment of waste	Sub-heading See Detail Below
19 06 04	Digestate from anaerobic treatment of municipal waste	some potential
19 06 06	Digestate from anaerobic treatment of animal and vegetable waste	some potential

EWC Code	Description	Tonnes per annum (approx)
19 12	Wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified.	Sub-heading See Detail Below
19 12 01	Paper and cardboard	some potential
19 12 07	Wood other than that mentioned in 19 12 06 (<i>i.e. not containing dangerous substances</i>)	20,000
19 12 12	Other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 (<i>i.e. not containing dangerous substances</i>).	20,000
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Category Heading See Detail Below
20 01	Separately collected fractions (except 15 01). (<i>i.e. except packaging</i>)	Sub-heading See Detail Below
20 01 01	Paper and cardboard	some potential
20 01 08	Biodegradable kitchen and canteen waste	30,000
20 01 25	Edible oil and fat	some potential
20 02	Garden and park wastes	Sub-heading See Detail Below
20 02 01	Biodegradable waste	20,000
20 03	Other municipal wastes	Sub-heading See Detail Below
20 03 02	Waste from markets	some potential

Wastes generated by the facility

Article 12(1) (o) requires an applicant to 'describe any proposed arrangements for the off-site treatment or disposal of solid or liquid wastes'. The types of waste that will be generated by the facility are listed in the table below, in relation to EWC codes.

Waste material	EWC Code	Source	Quantity (tonnes)	Off-site Disposal
Non-biodegradable waste	20 03 01 i.e. Contaminants in any of the wastes listed in the table above	Wastes from screening of compost (i.e small fractions of non- biodegradable contaminants that cannot be composted)	Unknown (dependent on quality of feedstock),	Licensed landfill site
Mixed municipal waste	20 03 01	General waste from offices	Unknown	Licensed landfill site

Prevention, minimisation and recovery of waste arising

Article 12(1) (n) of the Waste Management (Licensing) Regulations, 2004 requires the applicant to 'describe any proposed arrangements for the prevention, minimisation and recovery of waste arising from the activity concerned'.

The main purpose of the facility is to recover waste that would otherwise be sent to landfill.

The facility will only accept non-hazardous biodegradable wastes, however small amounts of non-biodegradable waste may be present in the waste and these fractions will be removed at the end of the composting process and disposed of to landfill. Non-biodegradable fractions will be kept to a minimum by informing customers that their waste must be properly segregated or it will not be accepted at the site. By implementing the waste acceptance procedure in Attachment E3 of this application, loads of highly contaminated waste will not be accepted at the site.

The office and administration facilities will also generate some waste (e.g paper and some mixed waste). This will be kept to a minimum by encouraging staff to prevent, reuse or recycle these waste.

See also Attachment E5 for details of energy efficiency.

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