

EPA Application Form

8.1 - Waste Generated and Animal By-Products Generated - Attachment

Organisation Name: *

Bord na Móna Public Limited Company

Application I.D.: *

LA010978

Authorisation Application Form

Amendments to this Application Form Attachment

Version No.	Date	Amendment since previous version	Reason
V.1.0	July 2017	N/A	Online application form attachment
As above	Mar 2018	Identification of required fields	Assist correct completion of attachment



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Waste Generated (See **Note i** at the end of this attachment)

Attach evidence that demonstrates, in accordance with Articles 11(3) and 12(1)(h) of the Industrial Emissions Directive (for IE licence applications) and Article 4(1) of the Waste Framework Directive (for all applications), how the waste hierarchy (see **Note ii** at the end of this attachment) has been taken into account in the prevention and management of waste generated at the installation/facility (select Document Type: '**Waste Hierarchy**').

Waste Hierarchy evidence filename: *

Attachment-8-2-1-Waste Hierarchy

Complete the table below in relation to waste generated at the installation or facility

Describe, by completing the table below, the arrangements for the recovery or disposal of solid and liquid wastes generated. Use one row (at least) for each waste generated (*the following are examples: e.g., production waste, office waste, canteen waste, vehicle servicing waste, workshop waste, landfill leachate, liquid waste, yard sweepings, ash*). Where appropriate, attach analysis of the waste (include test methods and Q.C.) and period or periods of generation of the waste.

Note: This table is for waste generated as a result of the licensable and associated activities.

This table **is not** for waste accepted at the installation or facility (these details are required to be included elsewhere (in the Waste Activities Tab (4.3))).

List of Waste (LoW) Code entry *	Applicant's description of waste generated at the facility or installation *	Estimate or, for a licence review, actual tonnes generated per annum *	Is the waste recovered or disposed on-site or is it dispatched off-site to a waste facility? ^{1*}	Describe the disposal or recovery treatment technique *	Disposal / Recovery Code *
13 02 04	Engine, gear and lubricating oils	197	Off-site	Oil refining	R9
20 01 01, 20 01 39	Mixed recyclables from offices and welfare facilities.	6	Off-site	Waste transfer station for onward recycling	R13
20 01 02	Glass from offices and welfare facilities.	<1	Off-site	Waste transfer station for onward recycling	R13
20 01 08	Organic waste generated from offices and welfare facilities.	<1	On-site	Composting	R3

¹ Options: '**On-site**' or '**Off-site**'

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20 03 01	Mixed non-recyclable waste from offices and welfare facilities.	<1	On-site	Disposal to Landfill	D1
16 01 03	End-of-Life Tyres	10	Off-site	Shredding for Energy Recovery	R1
16 01 07	Oil Filters	<1	Off-site	Metal Recycling	R4
19 07 03	Leachate	35,000	Off-site	Biological treatment at an approved WWTP	D8
17 04 07	Mixed C&D Metals	30	Off-site	Metal Recycling	R4
19 12 01, 12 12 04	Cardboard Plastic recovered from incoming MSW waste in the MSW Processing & Composting Facility	1,500	Off-site	Further processing off-site for recycling of materials	
19 12 02, 19 12 03	Ferrous and non-ferrous metals recovered from incoming MSW waste in the MSW Processing & Composting Facility	1,000	Off-site	Metal Recycling	R4
19 12 12	Refuse Derived Fuel – RDF recovered from incoming MSW waste in the MSW Processing & Composting Facility	17,500	Off-site	Energy Recovery at a waste to energy facility or cement kiln	R1

*add rows to the table as necessary

The following should be provided where appropriate:

1. Analysis of the waste (include test methods and Q.C.)

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2. Its location of storage and the manner by which the integrity/impermeability of storage areas is maintained
3. Period or periods of generation of the waste.



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Animal By-Products

Complete this table for any **animal by-products generated** whether classified as waste or not.

Description of material	Estimate <u>or</u> for licence reviews, actual tonnes generated per annum	Is the animal by-product used on-site <u>or</u> is it dispatched off-site to another facility? ²	Describe the disposal or recovery treatment technique	Disposal / Recovery Code	Describe off-site uses (where applicable)
Compost Facility Output – Biostabilised waste	40,000	Not classified as waste	Disposal or recovery in the MSW or Non-Hazardous Landfill on site.	R3 or D5	Not Applicable

*add rows to the table as necessary

² Options: 'On-site' or 'Off-site' or 'not classified as waste'.

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Note i **Waste Generated**

This part of the form collects data and information on the management of waste generated at the facility or installation. (Do not repeat information already provided in Tab 4 on Waste Activities, where applicable).

Waste must be managed without endangering human health and harming the environment, and in particular without risk to water, air, soil, plants or animals, without causing a nuisance through noise or odours, and without adversely affecting the countryside or places of special interest. Measures must be taken to ensure that waste generation is avoided in accordance with the waste hierarchy in Council Directive 98/2008/EC on waste and section 21A of the Waste Management Act 1996, as amended. Where waste is generated, it must be prepared for re-use, recycled or recovered or, where that is technically and economically impossible, it can be disposed of while avoiding or reducing any impact on the environment (applicants should provide this information in the context of the Waste Management Act 1996 as amended).

Note ii **Waste Hierarchy**

Describe what measures will be taken to prevent the generation of waste to the extent possible. State whether the operator of the installation or facility has participated in any projects under the National Waste Prevention Programme.

Where waste is generated at the installation or facility, describe how it will be, in order of priority in accordance with section 21A of the Waste Management Act 1996, as amended, prepared for re-use, recycling, recovery or where that is not technically or economically possible, disposed of in a manner which will prevent or minimise any impact on the environment.

Section 29(2A) of the Waste Management Act 1996, as amended states that it shall be the duty of waste producers and holders to ensure that waste undergoes recovery operations in accordance with sections 21A and 32(1) of the Acts.

For waste whose generation cannot be prevented, describe what measures will be in place to ensure that waste is collected separately (if technically, environmentally and economically practicable) and will not be mixed with other waste or other material with different properties.