

# EPA Application Form

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

Organisation Name: \*

Dublin Waste to Energy Limited

Application I.D.: \*

LA003577

### *Authorisation Application Form*

Amendments to this Application Form Attachment
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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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## Authorisation Application Form

### 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)). **Dublin Waste to Energy Limited (DWtE) has compiled this table based on their 2018 EPR data. Incinerator Bottom Ash (IBA) is exported abroad under TFS notification for metal recovery and materials recovery with any remaining bottom ash material used as aggregate in road building or landfill cover material. Although DWtE has classified IBA as non-hazardous, it is as present being treated as hazardous waste as per the Precautionary Principle. Air Pollution Control Residues (APCR) are also exported abroad under TFS notification for recovery to a lime quarry in Norway and a salt mine in Germany for backfilling. Waste analysis is undertaken as outlined in schedule C.4.1 of W0232-01.**

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? <sup>1</sup> *	Describe the disposal or recovery treatment technique *	Disposal / Recovery Code *
19 01 11*/19 01 12	Bottom Ash and Slag Containing Dangerous substances/Bottom Ash	120,000	Off-site	Recycling/reclamation of metals and metal compounds	R4

<sup>1</sup> Options: '**On-site**' or '**Off-site**'

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	and Slag other than those mentioned in 19 01 11*				
19 01 07*	Solid Waste from Gas Treatment	30,106	Off-site	Recycling/reclamation of other inorganic materials	R5
19 01 15*	Boiler Dust Containing Dangerous Substances	731	Off-site	Recycling/reclamation of other	R5
13 05 08*	Mixtures of wastes from grit chambers and oil/water separators	150	Off-site	Used oil re-refining or other uses of previously used oil	R9

\*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.)
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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## Authorisation Application Form

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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.