

EPA Application Form

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

Organisation Name: *

Donegal County Council

Application I.D.: *

LA007427

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 Hierachy

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 *
19 07 03 landfill leachate other than those mentioned in 19 07 02	Leachate arising from lined and unlined areas of the closed landfill site	Leachate abstraction rates vary on an annual basis, subject to capacity of the system onsite and annual rainfall, but is typically 35,000m ³ and was over 37,500m ³ in 2016 and 2019. Assume 1 m ³ = 1 tonne.	Leachate is currently treated on site prior to disposal offsite at a WwTW in Letterkenny.	The purpose of the facility is to manage raw leachate abstracted from Ballynacarrick Landfill Site, to treat (aeration and contains activated sludge) and to discharge to the existing balance tank at the site for subsequent export to Letterkenny WwTW. Following completion of works the effluent from the leachate treatment plant will be diverted to	D8 Biological treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by

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



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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 *
		Estimate 35,000 tonnes per annum.		Integrated Constructed Wetlands for tertiary treatment and discharge to adjacent waterbody.	means of any of the operations numbered D1 to D12



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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 *

*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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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)

*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.