

EPA Application Form

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

Organisation Name: *

Amazon Data Services Ireland Limited

Application I.D.: *

LA011866

Authorisation Application Form

Amendments to this Application Form Attachment

Version No.	Date	Amendment since previous version	Reason



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-8-1-2 Waste Management and 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)).

Authorisation Application Form

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 *
Domestic Type Wastes					
20 01 08 - biodegradable kitchen and canteen waste	Food / Organic waste	4.60	Off site	Organic substance cycling/reclamation	R3
20 03 01 - mixed municipal waste	General Waste	29.97	Off site	Inorganic substance recycling/reclamation	R5
20 03 07 - bulky waste	Pallets	6.23	Off-site	Inorganic substance recycling/reclamation	R5
Wastes from Maintenance Activities					
13 05 06* - oil from oil/water separators	Oily water	0.04	Off site	Oil re-refining or other reuses of oil	R9
13 05 07* - oily water from oil/water separators	Oily water	124.02	Off site	Physico chemical treatment	D9
15 02 02* - absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances	Solid oily waste	0.12	Off site	Use as fuel	R1
16 01 07* - oil filters	Oil filters	0.11	Off site	Metal recycling/reclamation	R4
20 01 21* - fluorescent tubes and other mercury-containing waste	Fluorescent tubing	0.07	Off site	Organic substance recycling/reclamation / Metal recycling/reclamation	R3/R4

¹ Options: 'On-site' or 'Off-site'

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E-Waste					
16 02 14 - discarded equipment other than those mentioned in 16 02 09 to 16 02 13	WEEE waste, server switches	8.64	Off site	Organic substance recycling/reclamation / Metal recycling/reclamation	R3/R4
16 02 16 – components removed from discarded equipment other than those mentioned in 16 02 15	Cables (including electrical cables, power cables, fiber optic cables, etc)	0.12	Off-site	Metal recycling/reclamation	R4
16 06 01* - lead batteries	Lead acid batteries	0.24	Off site	Metal recycling/reclamation	R4
16 06 05 - other batteries and accumulators	Lithium ion batteries	0.14	Off site	Metal recycling / reclamation	R4
17 04 11 – cables other than those mentioned in 17 03 10	Cables other than those mentioned in 17 04 10	2.39	Off-site	Metal recycling/reclamation	R4
20 01 36 - discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	Solid state drives, hard disk drives, server switches and automatic transfer switches	36.10	Off site	Metal recycling/reclamation	R4
20 01 40 - metals	Miscellaneous metal parts and equipment	2.85	Off site	Metal recycling/reclamation	R4
16 03 06 – organic waste other than those mentioned in 16 03 05	Urea (AdBlue)	10.4	Off-site	Biological Treatment	R3

Authorisation Application Form

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

Animal By-Products

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

Not Applicable

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'.

Authorisation Application Form

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.