

Managing Construction & Demolition Waste

8. In what circumstances, if any, would I require a Waste License?

A Waste License from the EPA (Environmental Protection Agency) is generally required for all waste related activities involving large volumes of material and which pose a significant risk to the environment.

9. What are my obligations in relation to hazardous waste?

Waste mixtures on C&D sites can often contain dangerous substances classifying the material as hazardous waste. This material cannot be used as fill on sites even if a waste license is held. Disposal can only be undertaken at a licensed hazardous waste facility.

10. I want to dispose of a certain quantity of fill on site. Do I require a Waste Permit or Waste License?

If the material is excavated on site and is re-used on the same site, neither is required. This is a planning issue.

11. I want to operate a mobile crusher on my construction project. Do I need a Waste Permit or a Waste License?

A Contractor is not required to obtain a Waste Permit to operate a mobile crusher for reprocessing on site in so far as the new crushed material will be used on site and not elsewhere off site. It is also important that waste material from elsewhere is not imported and crushed on site.

12. I want to re-use clay excavated from one site to reclaim land at a separate agricultural site. Do I need a Waste Permit or a Waste License?

Firstly material such as clay or soil excavated from a site is classed as waste regardless if it is clean or not. A Waste Collection Permit is

required to transfer the waste from one site to another. The land reclamation activity is considered to be a waste recovery activity provided there is a 'consequential benefit' to the agricultural land and so a Waste Permit from the Local Authority is required.

13. I am working on a large demolition job and I intend to crush and screen significant quantities of concrete rubble waste. After this process is the material still a waste?

Material excavated at a site or resulting from a demolition operation is considered a waste. If the material is processed by crushing, grinding, or screening the waste to an acceptable standard it is considered to be a new material and is not subject to any of the Waste Regulations.

14. Where can I get further information?

Compliance with the Waste Management (Permit) Regulations 1998 is your responsibility. A copy of the Regulations is available from:

The Government Publications Office
Sun Alliance House
Molesworth Street
Dublin 2

Or on the Internet go to the following sites:
www.epa.ie/Waste/Legislation/documents/WMPermitRegs1998.pdf
www.cif.ie
www.viron.ie
www.repak.ie
www.ncdwc.ie

For further information or assistance, please contact:

Environment Section
Limerick County Council
Tel: (061) 496264

For further information, contact:

The Environment Section
Limerick County Council
Tel: 061 496264
www.limerickcoco.ie/environment

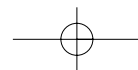
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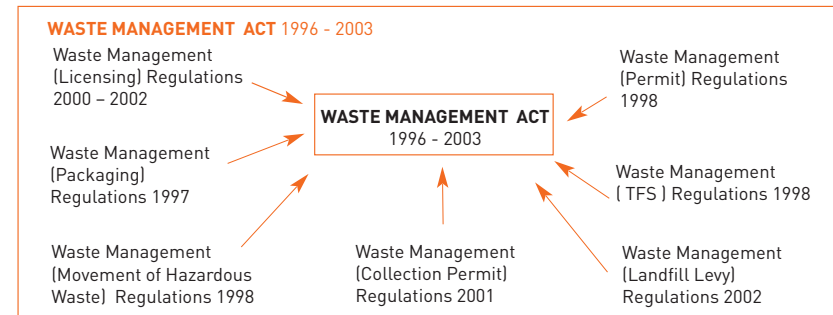
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1. What is Construction and Demolition Waste?

Construction and Demolition Waste is defined as 'all waste that arises from construction, renovation and demolition activities and all wastes mentioned in Chapter 17 of the European Waste Catalogue (EWC)'. It also includes surplus and damaged products and materials arising at construction works or used temporarily during on-site activities and dredge spoil.

2. What regulations govern Construction and Demolition Waste?

The Waste Management Acts 1996 – 2003 are the primary legislative instruments that govern the management of waste in Ireland. The Waste Management Act is brought into force through various Waste Management Regulations issued by the Minister for Environment and Local Government. The most significant sets of regulations pertaining to the area of C&D waste are illustrated below.



3. Is all waste on site Construction and Demolition Waste?

One of the main reasons for the lack of acceptance of C&D waste as recycled aggregate is the presence of foreign material such as wood, paper, cardboard, plastic and metal. Many of these materials are lightweight and degrade with time, compared to brick and concrete and hence are highly visible even at low levels. The new specifications have strict limits on the content of foreign materials and require the use of quality control plans to eliminate variability and unsuitable materials. Producers and Contractors are required to supply material that conforms to

the specifications. This requires segregation of foreign material from the hard C&D waste.

4. How should segregation be carried out?

Segregation can be carried out at source - during demolition or construction activities - or can be achieved by processing the mixed material to remove the foreign materials. Segregation at source is most efficient in terms of energy utilisation, economics and time. For demolition sites, it is important to strip out the 'soft' materials - wood, glass, and cabling, plastic, plasterboard and so on - before demolition in order to produce recycled aggregate that will meet the specification requirements.

5. What options are available to me in disposing of my C&D Waste?

The first choice is following the segregation of the various materials they can be removed to

licensed or permitted facilities. If placed in an area that is not permitted, this area will either have to be restored to its original condition or the responsible person can leave the waste on this site and a landfill levy will be applied by the responsible authority, in this case Limerick County Council.

The second option available is as above, if the contractor or responsible person places a large amount of waste in a non permitted area, they can either remove it to a permitted facility or leave it in place and have the landfill levy applied to it.

The final option is to apply for a waste permit in order to place C&D waste that might be accumulated during the project.

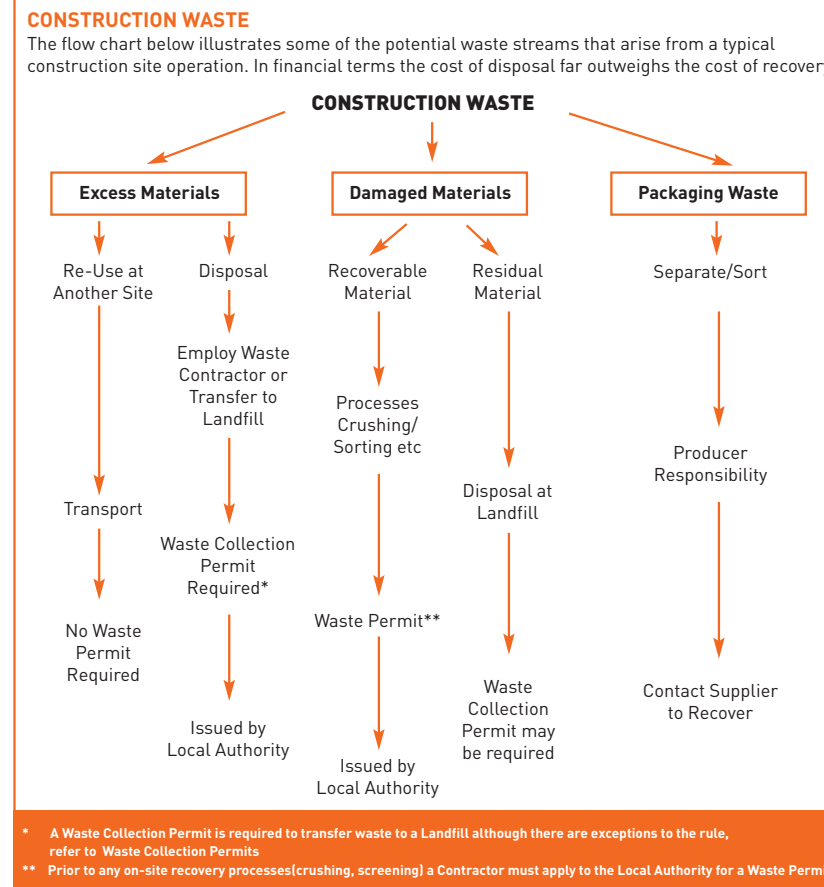
6. What is the Landfill Levy?

The levy charge is currently €15 per tonne and may be increased annually by a maximum amount of €5.

6. Where and how do I apply for a Waste Permit?

Under the Permit Regulations, a Contractor is required to apply to a Local Authority for a Waste Permit when intending to:

- Dispose of less than 5,000 tonnes of material at a site *or*
- Carry out certain Waste Recovery activities at a site



* A Waste Collection Permit is required to transfer waste to a Landfill although there are exceptions to the rule, refer to Waste Collection Permits
** Prior to any on-site recovery processes (crushing, screening) a Contractor must apply to the Local Authority for a Waste Permit

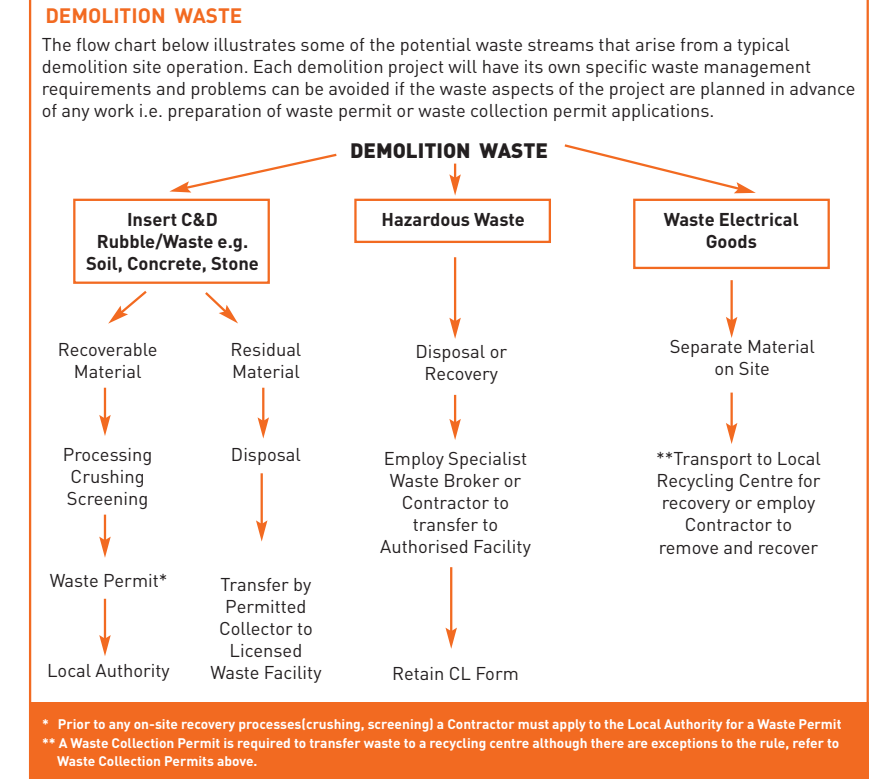
When applying to a Local Authority for a Waste Permit the Contractor/ Responsible Person should allow a month to six weeks for the process to be finalised.

7. If removing C&D waste to a Permitted/Licensed site, can any haulier carry out this work for me?

A contractor transporting waste to and from a site or transporting waste for disposal or recovery is required to hold a waste collection permit unless the particular activity or the waste quantity does not require a permit. The two occasions when they will not require a

- collection permit are:
- Gathering/sorting/mixing waste on the premises
 - Transporting waste axle weight < 1 tonne and when the transport of the waste is incidental to the main business activity

If a Contractor does not hold a Waste Collection Permit then a licensed waste collector must be employed to remove any waste from a site. Hazardous wastes are governed by separate regulations although the movement of such materials requires a collection permit also.



* Prior to any on-site recovery processes (crushing, screening) a Contractor must apply to the Local Authority for a Waste Permit
** A Waste Collection Permit is required to transfer waste to a recycling centre although there are exceptions to the rule, refer to Waste Collection Permits above.