



## CONSTRUCTION AND DEMOLITION WASTE WASTE MANAGEMENT PLANS

Under waste legislation Construction and Demolition waste is defined as ‘all waste that arises from construction, renovation and demolition activities’. It includes soil and stone, surplus and damaged products and materials arising at construction works or used temporarily during on-site activities together with dredge spoil.

- If you are responsible for carrying out a construction and demolition project, you must ensure that you have a waste management plan for all waste generated as a result of this activity AND ensure that is segregated so that it can be reused, recycled or disposed of in an appropriate way.
- Where construction or demolition wastes cannot be reused or recycled, that waste must be transported to authorised waste facilities using the services of authorised waste collectors.

### **In summary you will need to**

- Estimate the amount of waste to be generated.
- Wastes generated on site must be segregated into individual types- where possible.
- All waste moved off site, **including soil and stone** must be -
  - Collected by authorised waste collectors (as authorised by the National Waste Collection Permit Office). A list of authorised collectors is available at <https://www.nwcpo.ie/permitsearch.aspx>
  - Taken to authorised waste facilities. A list of authorised sites in each Local Authority is available at <http://facilityregister.nwcpo.ie>
- Records must be maintained on site to prove the waste has been managed correctly.
- On completion of project it is advisable to retain records for a minimum period of **Seven years**.

A template waste management plan is provided overleaf. This template will assist you to comply with waste legislation and help protect the Environment.

Please complete this form and return to Waste Management, Environment and Climate Action Department, Limerick City and County Council, Dooradoyle, Limerick. V94 WV78 or by email to [CandDwaste@limerick.ie](mailto:CandDwaste@limerick.ie) – if you have any problems completing the form please contact 061-557725/061-556215.

### **Waste Management Plan for all Construction and Demolition Works**



**Note- It is an offence under the Waste Management Act, 1996 (as amended) to use an unauthorised waste collector or to dispose of your waste at an unauthorised location.**

[www.limerick.ie/council](http://www.limerick.ie/council)

Phone: 061-557725/556215

Email: [CandDwaste@limerick.ie](mailto:CandDwaste@limerick.ie)

**Planning/ROL Ref:** \_\_\_\_\_ **Start Date on Site:** \_\_\_\_\_

**Name of Site Manager:** \_\_\_\_\_

**Telephone No:** \_\_\_\_\_ **Email:** \_\_\_\_\_

**Description and Location of Project:**

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Please complete Table 1 and Table 1A and submit with the commencement notice. Only an authorised waste collector with a valid waste collection permit must be used for each waste generated see [www.nwcpo.ie](http://www.nwcpo.ie) for details. Appendix 1 will help you to find the names and NWCPO Reference Numbers of the authorised waste collectors you need to use, Appendix 2 for Authorised Waste Sites in each Local Authority and Appendix 3 for Hazardous Wastes in Construction and Demolition Activities.

**Table 1: Details of Waste Generated.**

Type of Waste	Tick if applicable to your site	Estimate of quantities in tonnes	Name and NWCPO Ref No. of the Waste Collector you propose to use. (see <a href="http://www.nwcpo.ie">www.nwcpo.ie</a> for more information or call us. <b>And</b> Name and Permit Ref. No. of Authorised Site(s) receiving waste.
Clean Soil and Stone See Footnote (i)			Waste Collector
			Authorised Site
Concrete, Blocks, Tiles			Waste Collector
			Authorised Site
Hazardous waste See footnote (ii)			Waste Collector
			Authorised Site

- i. Where clean soil and stone is classified as a waste it must be transported off site by an authorised waste collector (see Appendix 1) to an authorised waste facility (see Appendix 2). Where clean soil and stone is declared a By-Product and not a waste, an application must be made to the EPA, see Appendix 3 for details.
- ii. Hazardous wastes may include, Asbestos, electrical equipment, waste oils, contaminated soil, etc., please see Appendix 4. Please call the Environment and Climate Action Department if you have any queries.

**Table 1A: Details of Waste Generated continued.**

Type of Waste	Tick if applicable to your site	Estimate of quantities in tonnes	Name and NWCPO Ref No. of the Waste Collector you propose to use. (see <a href="http://www.nwcpo.ie">www.nwcpo.ie</a> for more information or call us.
Bituminous Mixtures			Waste Collector
			Authorised Site
Wood/green waste			Waste Collector
Plaster Board			Waste Collector
Glass			Waste Collector
Metals			Waste Collector
Plastics			Waste Collector
Other			Waste Collector
Other			Waste Collector

**APPENDIX 1****A Guide to an Authorised Waste Collector Permit Search**

A list of authorised waste collectors in your area can be obtained from the National Waste Collection Permit Office (NWCPO) website by logging on at <https://www.nwcpo.ie/permitsearch.aspx> and carrying out the following steps:

1. Click on “**Permit Search**”.
2. Click on “**Search by EWC**” and select (for example) “**17 01 07 mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06**”
3. Click on “**Select Counties**” and select “**Limerick City and County**”.
4. Click on the “**NWCPO Ref**” to obtain contact details of the waste collector of your choice.

**A sample of EWC’s (LoW’s) used in C&D projects are as follows:**

Clean Soil and Stone	EWC 17 05 04
Concrete only	EWC 17 01 01
Bricks only	EWC 17 01 02
Tiles & Ceramics	EWC 17 01 03
Mixture of Concrete, Blocks, Tiles	EWC 17 01 07
Wood	EWC 17 02 01
Glass	EWC 17 02 02
Plastics	EWC 17 02 03
Bituminous Mixtures	EWC 17 03 02
Copper Bronze and Brass	EWC 17 04 01
Aluminium	EWC 17 04 02
Iron and Steel	EWC 17 04 05
Mixed Metals	EWC 17 04 07
Cables	EWC 17 04 11
Dredged spoil	EWC 17 05 06
Insulation material	EWC 17 06 04
Plaster Board	EWC 17 08 02
Mixed Construction and Demolition Waste	EWC 17 09 04
Green Waste	EWC 20 02 01
Soil and Stones (from Gardens and Parks)	EWC 20 02 02

*If you have a query on how to use this register you are welcome to phone 061-557725/556215.*

**APPENDIX 2****A Guide to Search for Authorised Construction and Demolition Waste Facilities in each Local Authority.**

A list of authorised construction and demolition waste facility in each Local Authority can be found by logging on at <http://facilityregister.nwcpo.ie> and carrying out the following steps:

1. Click on “**By LoW & LA Area**”.
2. Click on dropdown field to “**Select a LA area**” of your choice.
3. Click on dropdown field to “**Choose a LoW**” of your choice. A sample list of LoWs (EWC’s) can be seen in Appendix 1.
4. Under “**Authorisation Reference**” click on the reference number of your choice to obtain the “**Waste Facility Permit/Certificate of Registration details**”.

**If you have any queries on how to use this register you are welcome to contact**

**061-557725/556215.**

***Waste Auditing***

The Site/Waste Manager must

- Retain full records of all movements of construction and demolition waste discards during the construction stage of the Project.
- Ensure full traceability of all material to its final destination. Each consignment of C&D waste taken from the site will be subject to documentation, which will conform with Table 2.
- Retain all dockets relating to waste disposal in your file.
- On completion of project it is advisable to retain records for a minimum period of **seven years**.

**Table 2: Details to be recorded.**

<b>Detail</b>	<b>Particulars</b>
Name of Project of Origin	e.g. New Harbour, Motorway
Material being Transported	e.g. Soil, Demolition Concrete, Crushed Asphalt etc.
Quantity of Material	e.g. 20.50 tonnes
Date of Material Movement	e.g. 01/01/2007
Name of Authorised Waste Collector	e.g. Authorised Carriers Ltd.
Destination of Material (authorised waste facility).	e.g. Newtown Residential and Office Development

### **APPENDIX 3**

#### **Waste Soil and Stone and Article 27 By-Product Declarations**

Where there is a requirement to import or export clean soil and stone to or from a site or development, appropriate authorisations must be in place. Two potential options available are as follows:

- The deposition of soil and stone as a waste to an authorised waste facility such as a Waste Facility Permit or a Certificate of Registration. A brief description relating to waste facility types and limits is described below and a link for further information is detailed in Option A.
- Alternatively an application can be made under an Article 27 Declaration to the EPA where the applicant is declaring that the soil and stone generated from a site or development is a By-Product and not a waste. A link to further information and application process is detailed in Option B.

**Please note that in relation to Options A and B, appropriate planning must be in place prior to any application being made.**

#### **Option A: Local Authority Waste Facility Permit or Certificate of Registration**

A Waste Facility Permit (WFP) or Certificate of Registration (COR) can be obtained from the Local Authority under the Waste Management (Facility Permit and Registration) Regulations 2007 (as amended). The Waste authorisation i.e. WFP/COR must be issued by the Council prior to commencement of importation of any suitable waste material (soil and stone) to the property. A Waste Facility Permit is limited to 200,000 tonnes for soil and stone and a Certificate of Registration is limited to 25,000 tonnes.

Link to information on Limerick City and County Council website is shown below

<https://www.limerick.ie/council/waste-facility-permits-and-registrations-enforcement>

#### **Option B: By-Product Article 27 Declaration to the EPA**

Importation of soil and stone to a property can also be carried out under a By-Product Declaration under Article 27 to the EPA. Link to website is found below.

<https://www.epa.ie/our-services/licensing/waste/by-products-regulation-27/#>

**APPENDIX 4****Hazardous Wastes in Construction and Demolition Activities**

Hazardous wastes generated by Construction and Demolition activities such as asbestos, objects and equipment containing PCBs, waste oils, contaminated soil, etc. must be transported by authorised waste collectors who are trained in the proper handling storage and transportation of these hazardous waste materials. A non- exhaustive list of Construction and Demolition waste materials and associated List of Waste Codes can be seen below.

<b>Description</b>	<b>EWCLoW Codes</b>
mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing hazardous substances	<b>17 01 06*</b>
glass, plastic and wood containing or contaminated with hazardous substances	<b>17 02 04*</b>
metal waste contaminated with hazardous substances	<b>17 04 09*</b>
cables containing oil, coal tar and other hazardous substance	<b>17 04 10*</b>
soil and stones containing hazardous substances	<b>17 05 03*</b>
dredging spoil containing hazardous substances	<b>17 05 05*</b>
track ballast containing hazardous substances	<b>17 05 07*</b>
insulation materials containing asbestos	<b>17 06 01*</b>
other insulation materials consisting of or containing hazardous substances	<b>17 06 03*</b>
construction materials containing asbestos	<b>17 06 05*</b>
gypsum-based construction materials contaminated with hazardous substances	<b>17 08 01*</b>
construction and demolition wastes containing mercury	<b>17 09 01*</b>
construction and demolition wastes containing PCB (for example PCB-containing sealants, PCB-containing resin-based floorings, PCB-containing sealed glazing units, PCB-containing capacitors)	<b>17 09 02*</b>
other construction and demolition wastes (including mixed wastes) containing hazardous substances	<b>17 09 03*</b>

**All Waste Transfer Forms (WTF) relating to disposal of waste and materials containing asbestos or hazardous substances must be submitted to Environment and Climate Action Department, Dooradoyle as proof of appropriate disposal.**

Hard Copy to above address or email to [CandDwaste@limerick.ie](mailto:CandDwaste@limerick.ie) is acceptable.



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