

Waste Management Plan

Construction and Demolition Waste

General Information.

1. **Name of the Contractor / Developer:** _____

2. **Name of the Site Manager:** _____

(Person responsible for Implementation of Waste Plan)

3. **Address of Contractor / Developer:** _____

4. **Address of Development:** _____

5. **Planning Register Reference:** _____

6. **Contact Details:**

Name: _____

(Person responsible for Preparation of Waste Plan)

Telephone number: _____

Fax Number: _____

e-mail address: _____

Description of Development and Waste Generated

7. Describe the nature of the development.

8. Describe the type of waste and estimate the quantity of waste generated including construction and demolition waste.

The European Waste Catalogue code must be assigned to each waste type.

Waste Type <i>(EWC Code)</i>	Waste Type <i>(Description)</i>	Volume of Waste generated <i>Estimate (tonnes)</i>	Waste Exported off-site <i>Estimate (tonnes)</i>	Waste Imported on-site <i>Estimate (tonnes)</i>

See attached list of EWC Codes for construction and demolition waste. All other waste types including EWC codes can be found by contacting the EPA on 053 60600 or www.epa.ie

Description of Development and Waste Generated

9. Provide a site layout map indicating where waste is to be temporarily stored prior to disposal / recovery.

10. **Demolition Work.**

Provide a method statement indicating the methods to be used in carrying out demolition work to ensure all waste streams are cleanly separated.

Provide a method statement indicating the methods to be used identify and segregate **hazardous wastes** arising during demolition.

Segregation of Wastes

11. Provide a method statement detailing measures to be taken prevent, minimise, reuse, recycle or recover the following C & D waste streams. Method statement shall detail type of containers to be used, location, method of transport, etc.

Target Material	Steps taken to Prevent / Minimise / Reuse / Reduce / Recycle / Recover Wastes
Wood.	
Cardboard / paper. (Should be stored separately in closed containers or indoors)	
Metals.	
Glass.	
Plastic.	

Segregation of Wastes

<p>Inert Waste.</p> <p>Such as concrete, soil, rubble and stone.</p>	
<p>Asphalt / macadam.</p>	
<p>Hazardous Waste.</p> <p>(Should be stored separately within suitable containers)</p>	
<p>Mixed non-hazardous Waste.</p> <p>(residual waste which is not recyclable shall be stored within suitable skips/ bins)</p>	

Transport of Waste

12. All waste moved off site must be done so by an authorised waste collector. If waste is to be moved off site, provide the following details.

Waste Type (Include EWC Codes)	Permitted Waste collector	Collection Permit Number.	Permitted / Licensed Facility	Permit / Licence No.)

Declaration

13. I agree that all information supplied is accurate. Where there is a serious deviation in estimates or details provided, Kerry County Council will be notified immediately. Records of all waste removed from the site shall be maintained at the site office and shall be made available to Kerry County Council when requested.

Signed: _____
Applicant / Developer.

Date: _____

Appendix 1

Extract from the European Waste Catalogue & Hazardous Waste List

- 17 CONSTRUCTION AND DEMOLITION WASTES**
(INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
- 17 01 concrete, bricks, tiles and ceramics**
17 01 01 concrete
17 01 02 bricks
17 01 03 tiles and ceramics
17 01 06* mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances
17 01 07 mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
- 17 02 wood, glass and plastic**
17 02 01 wood
17 02 02 glass
17 02 03 plastic
17 02 04* glass, plastic and wood containing or contaminated with dangerous substances
- 17 03 bituminous mixtures, coal tar and tarred products**
17 03 01* bituminous mixtures containing coal tar
17 03 02 bituminous mixtures containing other than those mentioned in 17 03 01
17 03 03* coal tar and tarred products
- 17 04 metals (including their alloys)**
17 04 01 copper, bronze, brass
17 04 02 aluminium
17 04 03 lead
17 04 04 zinc
17 04 05 iron and steel
17 04 06 tin
17 04 07 mixed metals
17 04 09* metal waste contaminated with dangerous substances
17 04 10* cables containing oil, coal tar and other dangerous substances
17 04 11 cables other than those mentioned in 17 04 10
- 17 05 soil (including excavated soil from contaminated sites), stones and dredging spoil**
17 05 03* soil and stones containing dangerous substances
17 05 04 soil and stones other than those mentioned in 17 05 03
17 05 05* dredging spoil containing dangerous substances
17 05 06 dredging spoil other than those mentioned 17 05 05
17 05 07* track ballast containing dangerous substances
17 05 08 track ballast other than those mentioned in 17 05 07
- 17 06 insulation materials and asbestos-containing construction materials**
17 06 01* insulation materials containing asbestos
17 06 03* other insulation materials consisting of or containing dangerous substances
17 06 04 insulation materials other than those mentioned in 17 06 01 and 17 06 03
17 06 05* construction materials containing asbestos
- 17 08 gypsum-based construction material**
17 08 01* gypsum-based construction materials contaminated with dangerous substances
17 08 02 gypsum-based construction materials other than those mentioned in 17 08 01
- 17 09 other construction and demolition waste**
17 09 01* construction and demolition wastes containing mercury
17 09 02* construction and demolition wastes containing pcb (for example pcb-containing sealants, pcb-containing resin-based floorings, pcb-containing sealed glazing units, pcb-containing capacitors)
17 09 03* other construction and demolition wastes (including mixed wastes) containing dangerous substances
17 09 04 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

Please note

Any waste marked with an asterisk () is considered as a hazardous waste pursuant Directive 91/689/EEC on hazardous waste, and subject to the provisions of that Directive unless Article 1 (5) of that Directive applies.*

Guidelines for Preparation of Waste Management Plans

Construction and Demolition Waste

Introduction:

When required by condition of planning, a Contractor / Developer shall prepare a *Waste Management Plan*. The plan must be agreed with Kerry County Council prior to submission of the Commencement Notice for the development.

The *Waste Management Plan* (WMP) prepared must provide an overall framework for the management of **all** waste arising on site. The WMP must also take account of the waste hierarchy which favours, in descending order: waste prevention and minimisation, material reuse, material recovery and recycling, energy recovery from waste, disposal of waste to licensed landfill. The WMP shall include the following;

General Information:

The *Waste Management Plan* (WMP) prepared must provide details of the Contractor / Developer & the Site Manager responsible for implementation of WMP.

Description of Development and Waste Generated:

The *Waste Management Plan* (WMP) prepared must provide details of the size, scale and nature of the works shall be provided. A comprehensive list of the various waste streams arising on site and estimated quantities of each material. The EWC code for each waste type should also be included. A sample list of EWC codes is provided in Appendix 1.

A full listing is available on the EPA website (www.epa.ie).

Site layout map:

The *Waste Management Plan* (WMP) prepared must include a site layout map indicating where waste is to be temporarily stored prior to disposal / recovery. For example, this arises where spoil, clay etc. is being stockpiled on site pending removal. Spoil should be stored in a location that will not result in silt being washed into surface waters or onto public roads or drains.

Demolition:

If demolition is involved a method statement should be included with the *Waste Management Plan* (WMP) which details the methods that will be used during the demolition work to ensure all waste streams are cleanly separated.

The demolition of a building without firstly stripping out all roofing, timber, insulation, wiring, partitions, fixtures, etc is unacceptable as inert and non-inert waste become co-mingled and very difficult to separate.

A building or lands may need to be surveyed by a competent person to determine if any hazardous materials are present, such as asbestos cement sheeting, asbestos cement slate, asbestos insulation, PCB's, soil contaminated with hazardous chemicals, soil contaminated with hydrocarbons, etc.

The method statement should clearly state the methods used to removed, store, transport and dispose of all waste arising from demolition work.

Segregation of Waste:

The *Waste Management Plan* (WMP) prepared must provide details of the methods that will be used during the demolition work to ensure the separation of and subsequent segregated storage of recyclable materials on site pending collection (*e.g. timber, paper & cardboard, metals, glass, plastic film, concrete, macadam, soil / rubble / stone, other recyclable waste.*)

Cardboard / paper needs to be stored separately in a dry location pending collection.

Inert wastes such as concrete, soil / rubble / stone, concrete tiles, natural slate, ceramic tiles, etc. may be reused on site for fill purposes, if required. However, if any inert waste is to be removed off-site its transport and ultimate disposal / reuse is subject to control under the Waste Management Act.

Asphalt / macadam is not classified as inert waste. It is acceptable to reuse asphalt / macadam for the purposes of trunking / fill under roads on site. Surplus asphalt / macadam arising during construction of roads on site should be returned to the manufacturing plant for recycling purposes.

Mixed non-hazardous waste (*which is not recyclable*) should be stored on-site, pending collection, in a large wheelie-bin, an enclosed skip or a suitable enclosed trailer. The designated container should be on-site at all times during construction work.

Procedures should be in place to ensure littering of the site does not occur.

Hazardous Waste:

Hazardous waste such as drums or tins containing hazardous chemicals (*displaying hazard symbols*), oil based paints or varnishes, wood preservatives, herbicides, pesticides, batteries, fluorescent tubes etc. shall be separated from mixed waste and treated as hazardous waste. Water based emulsions are classed as non-hazardous. Hazardous waste should be collected by a specialised permitted Waste Collector.

Asbestos Waste:

Wastes such as asbestos cement sheeting, asbestos cement slates or asbestos insulation, which contain asbestos fibres, are classified as hazardous and require special handling procedures. Asbestos waste should be collected by a specialized permitted Waste Collector for ultimate disposal.

Transport of Waste:

Any waste (*including inert waste*) removed from the site shall only be transported by an individual or company which holds a valid Waste Collection Permit to transport such material.

Waste Collection Permits are issued by the National Waste Collection Permit Office, (*Áras an Chontae, Charleville Road, Tullamore, Co. Offaly - Telephone: (057) 935 7428 Website – www.nwcpo.ie*)

Any person transporting waste should have a copy of their Waste Collection Permit available for inspection in the vehicle at all times.

Permitted / Licensed Facilities Used:

Any waste (*including inert waste*) removed from any site shall only be taken to facilities which hold either a valid Certificate of Registration or Waste Facility Permit issued by Kerry County Council or a Waste Licence issued by the EPA. Details should be included in the plan of the actual facilities to be used for the final recycling / disposal of waste arising.

Records:

A record shall be maintained of all waste removed from the site. The record shall include information on the type of waste removed, the quantity removed, the date removed, details of whether the waste in question was being removed for either disposal or recovery / recycling, details of the individual or company removing the waste (*including permit number*), details of the facility to which the waste was removed (*including licence or permit number*).

A location shall be identified where all records in regard to waste transport, recycling, disposal will be held for inspection.

Prohibited Activities.

- ◆ **The Waste Management Acts, 1996-2015 prohibit the unauthorised disposal, recovery or movement of waste.**
- ◆ **Waste should not be burned.**
- ◆ **Waste should not be buried on site.**
- ◆ **Waste should not be transferred to unauthorised persons.**
- ◆ **Waste should not be transferred to unauthorised sites.**

Conclusion:

A copy of the completed Draft *Waste Management Plan* (WMP) for the development should be submitted to the Planning Authority for assessment and agreement prior to the submission of a Commencement Notice.

Further information on the preparation on Waste Management Plans can also be obtained from the following publication:

“Best Practice Guidelines on the Preparation of Waste Management Plans for Construction and Demolition Projects” – Department of the Environment, Heritage & Local Government, July, 2006.

**Kerry County Council
November, 2014.**