

SDCC Construction and Demolition Resource and Waste Management Form for a Development/Redevelopment Project

This document has been developed to assist the applicant in the preparation Site Specific Resource and Waste Management Plans and should be read in conjunction with current legislation and EPA Guidance Document “Best practice guidelines for the preparation of resource & waste management plans for construction & demolition projects” published 2021.

The completion of this document is mandatory and will act as a Draft Resource and Waste Management Plan for assessment by SDCC Waste Enforcement and Licencing Section.

SDCC reserves the right to request additional information following assessment of the submitted Draft Plan.

Project Description

Project Name:

Project Address:

Planning Register Reference:

Estimated Start Date on Site: Estimated Project Duration:

Developers Name:

Developers Address:

Name of Nominated Resource Manager and contact details (if available):

Resource Manager will have overall responsibility for the management of waste for the duration of the project

Current land usage

(✓ as appropriate)

GREENFIELD (previously undeveloped site and not contaminated soil and stone)	☐
BROWNFIELD (previously developed site)	☐
REDEVELOPMENT (new build in urban area typically after demolishing existing buildings)	☐
INFILL (new build between existing structures)	☐

Description/Nature of Project

Construction Type

Development	✓	Quantity	Units
Housing			No.
Commercial			m ²
Institutional			m ²
Treatment Works			m ²
Road & Footpath			m ²
Parking			m ²
Services/Ducting/Mains			m
Parks - Amenities			

Table No.1: Construction Type

Layout map to be provided indicating the development and where waste is to be temporarily stored prior to disposal.

Wastes arising including proposals for Minimisation, Reuse and Recycling

Waste will arise on the Project mainly from.

(✓ as appropriate)

Excavation ☐ Demolition ☐ Unavoidable construction waste ☐ Material surpluses ☐ Damaged materials ☐

The Project Manager or equivalent shall ensure that materials are ordered so that the quantity delivered, the timing of the delivery and the storage is not conducive to the creation of unnecessary waste.

- Excavated clay will be carefully stored in segregated piles on the site for subsequent re-use or removed from site for direct beneficial use elsewhere.
- Concrete waste will be source segregated.
- Masonry and wood will be source segregated.
- Packaging will be source segregated for recycling or return to suppliers.
- Hazardous wastes will be identified, removed, and kept separate from other C&D waste materials in order to avoid further contamination.
- Other C&D waste materials will be collected in receptacles with mixed C&D waste materials, for subsequent separation and disposal at a remote facility.
- On restricted sites where space is limited, and source segregation is not an option full details of alternative arrangements must be supplied.

Evidence to be provided showing basis of quantum of soil and stone to be dealt with on and off site, for example: number of houses, quantity of material to be removed per unit, amount of material to be reused for gardens, excess material to be removed or imported per unit.

Anticipated material surpluses / deficits and wastes arisings on the site

Will material be disposed from site? Yes ☐ No ☐

What is the declaration of the material?
(✓ as appropriate)

Waste

Article 27 – By product

Article 28- end of waste
product

Please provide relevant EPA declaration reference (where applicable)

Article 27 Declaration:

Article 28 Declaration

In accordance with Article 27 of the European Communities (Waste Directive) Regulations 2011 for soil and stone to be considered a by-product the following must be met;

- a) Further use of the soil and stone is certain.
- b) The soil and stone can be used in its natural state without any further processing
- c) The soil and stone is as a result of other construction work taking place on site and
- d) Further use of the soil and stone is lawful (planning approval), suitable for the use (uncontaminated soil) and does not lead to overall adverse environmental or human health impacts (Environmental Impact Assessment & Appropriate Assessment screening required).

Will Article 27 material be imported to the development? Yes ☐ No ☐

Article 27 Declaration Reference

Where Article 27 is being declared, if the EPA determines the Article 27 declaration is not a by-product, the economic operator may have to remove the material. Measures to be implemented to recover the material should be provided including estimated costs.

In the course of the Project, it is estimated that the following quantities of wastes/material surpluses will arise:

Waste Type (EWC Code)	Waste Type (Description)	Volume of waste generated (Estimated Tonnes)	Waste re-used within the works (Estimated Tonnes)	Waste exported off-site (Estimated Tonnes)
17	Construction and Demolition Waste. (including excavated soil from contaminated sites)			
17 01	Concrete, bricks, tiles and ceramics			
17 02	Wood, glass and plastic			
17 03	Bituminous mixtures, coal tar, and tarred products			
17 04	Metals (including their alloys)			

17 05	Soil (<i>including excavated soil from contaminated sites</i>), stones and dredging spoil			
17 06	Insulation materials and asbestos-containing construction materials			
17 08	Gypsum-based construction material			
17 09	Other construction and demolition waste			
	TOTAL WASTE			

Table 2: Estimated Waste Arisings on Site

Demolition Work

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

Provide a method statement indicating the methods to be used to identify and segregate **hazardous wastes** arising during demolition. Include copies of any precondition surveys that have identified Hazardous materials.

Costs

The total cost of waste management will be measured and will take account of the purchase cost of materials (including imported soil), handling costs and so on. Costs will be calculated for the management of a range of C&D waste materials, using the format shown in Table 3 below:

Material	Estimated Quantities & Costs (tonnes & Euro)
<u>SOIL</u>	
Quantity of Waste Soil (tonnes)	
Purchase Cost i.e. Import Costs (€)	
Materials Handling Costs (€)	
Material Storage Costs (€)	
Material Transportation Costs (€)	
Revenue from Material Sales (€)	
Material Disposal Costs (€)	
Material Treatment Costs (€)	
Total Waste Soil Management Costs (€)	
Unit Waste Soil Management Costs (€)	

Table 3: Standard Record Form for Costs of Waste Management

(Sample relates to Soil – separate record forms should be compiled in respect of each waste material)

Table 4 and **Table 5** to be completed and submitted at commencement notice stage of the development.

Waste Transportation and Destination Facility: The Resource Manager shall arrange for full details of all arisings, movements and treatment of construction and demolition waste discards to be recorded during the construction stage of the Project. Each consignment of waste taken from the site will be subject to documentation which will conform with Table 4 and ensure full traceability of the material to its final destination.

Waste Type (EWC Code)	Waste Type (Description)	Waste exported off-site (Annual amount Tonnes)	Authorised Waste Collector and NWCPO number	Authorised Waste Facility and licence no.
17	Construction and Demolition Waste. <i>(including excavated soil from contaminated sites)</i>			
17 01	Concrete, bricks, tiles and ceramics			
17 02	Wood, glass and plastic			
17 03	Bituminous mixtures, coal tar, and tarred products			
17 04	Metals <i>(including their alloys)</i>			
17 05	Soil <i>(including excavated soil from contaminated sites), stones and dredging spoil</i>			
17 06	Insulation materials and asbestos-containing construction materials			
17 08	Gypsum-based construction material			
17 09	Other construction and demolition waste			
	TOTAL WASTE			

Table 4: Details for transportation and destination facility for waste arising from the development

SDCC Construction and Demolition Waste Management Information Sheet for a Development/Redevelopment Project

Demolition Procedures

The demolition works (if any) undertaken during the course of the Project are as follows:



Demolition Activity Sequence	General Description
Disconnection of Services/Vermin Control	
Inventory of Hazardous Wastes	
Removal of Abandoned Furniture/Equipment	
Removal of Asbestos/Hazardous Materials	
Removal of Fixtures	
Removal of Timber	
Demolition of Structure Shell	
Source Segregation of Material Fractions	
Transport of Material from Site to Treatment Facilities	
Transport of Material from Site to Controlled Disposal Sites	
Site Preparation/Restoration	

Table 5: Demolition Procedures undertaken during the development / redevelopment project

Completed by: _____

Title: _____

Company: _____

Date: _____

Please submit this Information Sheet when lodging the planning application for the development to the Enforcement and Licencing Section of the Environment, Water and Climate Change Department in South Dublin County Council, County Hall Tallaght D24 or by email at wasteregulation@sdblincoco.ie.