

## **Attachment 4.3.2.3 Overview of the Proposed Waste Activity**

### **1.1 Overview of the Waste Activity**

Sancom Ltd proposes to establish and operate a Materials recovery Facility at a worked out quarry located in Graney West, Castledermot Co Kildare.

The principal activity will involve the use of imported, uncontaminated soil and stone, sourced from construction and demolition sites, to backfill and restore the worked-out quarry.

Sancom Ltd intend on accepting a maximum of approximately 1.8 million tonnes of soil and stone material on-site for backfilling over the course of 25 years. This equates to a maximum of 72,000 tonnes of soil and stone material per annum over 25 years.

In addition to the principal waste activity described above, it is proposed to carry out the following secondary waste recovery activities:

- Intake of top-soil, screening at existing screening plant and resale of such material,
- Intake of sand and gravel, washing at existing washing plant and resale of such materials,
- Intake of concrete, concrete crushing using concrete crushing equipment, mixing with sand and gravel before being fed to the washing plant to form aggregate, and resale of such material, and;
- Intake of green waste, shredding and composting of this waste within a silage pit over an underground effluent storage tank, for use for agricultural land spreading.

The total maximum amount of waste to be accepted on-site will be 99,500 tonnes per annum. Only non-hazardous materials will be accepted on-site. The table overleaf summarizes the waste activity detailing: the types of waste to be accepted at the facility, processing methods, the destination of recovered materials, the classes of activity under the fourth schedule of the Waste Management Act which will be undertaken on-site, and proposed maximum intake tonnages per annum. It is proposed to operate the facility under a Waste Licence from the Environmental Protection Agency (EPA).

LoW Code	Waste Description	Waste Type (Ordinary description)	Processing Method	Destination	WM Act R/D Code	Amount of waste proposed to be accepted at the facility per annum (tonnes)
17 05 04	Soil and stones other than those mentioned in 17 05 03*	Sub-soil and overburden	Backfilling	Infilled on-site	R10 /R13	72,000
		Top-soil	Screening at soil screener	Recovery and resale	R5 /R13	1,500
		Sand and Gravel	Washing / Screening at washing plant	Recovery and resale	R5 /R13	12,500
17 01 01	Concrete	Various types of concrete and cement	Concrete crushing at crushing plant	Recovery and resale	R5 /R13	12,500
20 02 01	Biodegradable waste	Garden waste	Shredding and composting	Recovery and landspreading	R3	1,000
					Total	99,500