

Certificate of Authorisation Application Form

Waste Management (Certification of Historic Unlicensed Waste Disposal and Recovery Activity)
Regulations, 2008

Site: Greenhills, Athy, Co. Kildare

S22-02507

Attachment C.5

Types and quantities of waste deposited.

Section 5 of the Environmental Risk Assessment Report for the site is titled 'Tier 2- Exploratory and main site investigation-methodology'. It describes the Geophysical Survey and intrusive site investigations carried out, including the trial pits excavated, Section 6.4 details the findings of the subsurface material encountered, Section 6.5 discusses the extent of this material and Section 6.5.3 quantifies the volume of waste.

In summary, the total volume of imported material is approximately 48,600m³ or 68,040 tonnes (using a multiplier of 1.4t/m³). The average thickness of the waste is 3m and the extent is estimated to be 1.62hectares.

The imported material consisted of gravelly clay and sandy clay with rare C&D material (rare/occasional wood, concrete, cloths, black fibres, pieces of tiles, rubber black plastic, red bricks, metal, plastic, bitumen, broken glass and styrofoam pieces) and also some municipal waste with minor organic material.

The volume of waste has been entered in the Section 22 Register.