

4.3 Calculation of the Capacity of Recovery and Disposal Activities

The relevant recovery code applicable to the material previously imported to Grange Castle Golf Club is:

- *R 5: Recycling/reclamation of other inorganic materials, which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials*

The volume of infill material previously imported to Phase 2 ('5 holes') and Phase 3 ('holes 14 & 15') of Grange Castle Golf Club was calculated¹ following a review of historic (1998) and current (2009) topographic surveys which provided information on pre and post filling levels.

The volume of infill material was calculated at 90,230m³ for Phase 2 and 126,726m³ for Phase 3. It is estimated (Unit weight of material in situ assumed to be c. 1.5t/m³)² that approximately 325,434 tonnes of material was imported into Phases 2 & 3 of Grange Castle Golf Club.

There is no proposed development and no licensable activity will be taking place at the site.

There will be no activity or processing of material. The material previously imported to the site is inert. It is proposed that this existing material will remain *in situ*, with no further movement of material or importation of additional waste material to the site.

As no other recovery and disposal activities will be taking place, no other recovery and disposal codes are proposed with respect to this application.

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¹ Section 3.3.1.2 of the Environmental Risk Assessment report that is discussed later in this report and is appended as Appendix **.

² Waste Management (Landfill Levy) Regulations