

Calculation of Capacity

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.

The material previously imported to the site is inert. It is proposed that this existing material will remain *in situ*. There will be no activity or processing of existing material.

No proposed/future waste, non-waste or capacity figures have been calculated as no further waste material will be accepted nor are any operations proposed at the subject site.

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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