

ATTACHMENT I3 – ASSESSMENT OF IMPACT ON GROUND / GROUNDWATER

A ground investigation was completed at the application site in early 2010 to investigate the nature of the existing subsoil / bedrock and to install 4 No groundwater monitoring wells. The available information indicates that the general subsurface profile across the application site comprises variable depths of Made Ground (hardstanding) overlying glacially derived soil and bedrock.

Further details of the existing soil and subsoil environment are provided in Chapter 5 of the Environmental Impact Statement. The details of the groundwater well installations are also provided in Appendix 6.2 of the Environmental Impact Statement.

Backfilling and restoration of the former quarry at Brownswood will entail placement and compaction of inert soil and stones and minor quantities of inert construction and demolition waste and/or recovered secondary aggregate. As such, no soil or groundwater contamination will arise from percolation of rainfall through the backfilled ground or flow of groundwater through it.

Details of the existing groundwater environment and the impact of the proposed waste recovery facility and associated emissions thereon are provided in Chapter 6 of the Environmental Impact Statement.

The proposed groundwater monitoring regime is outlined in Chapter 2, Paragraphs 2.118 to 2.121 of the Environmental Impact Statement.

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