

ATTACHMENT 11 – ASSESSMENT OF IMPACT ON RECEIVING SURFACE WATER

The nearest watercourse to the application site is the stream which runs immediately beyond the northern boundary, on the northern side of the R127 Regional Road. At the present time, rainfall across the application site either percolates downwards through the unsealed ground to the sump at the base of the quarry or is collected by existing drainage infrastructure across paved areas. Surface water collected at the quarry sump and by the existing drainage network is discharged to the stream beyond the north-eastern site boundary via a buried pipe.

Emissions to the watercourse north of the site will continue to take place for the duration of the quarry restoration works. Water will be pumped from sumps around the site to temporary settlement ponds. Clean water from these ponds will be discharged via surface channels or by pumping, to existing site drainage infrastructure to the stream immediately north of the site.

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

The existing / proposed monitoring regime at surface water bodies is outlined in Section 2.6.10 of the Environmental Impact Statement.

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