

Sustainability and the Environment



Energy Conservation

All the houses and the community facilities, will be constructed to the highest standards of **energy efficiency**, as required these days by Building Regulations.

A **bore hole** will provide part of the water supply. Waste **water will be conserved**. Hot water, for instance, from showers and baths will pass through heat exchangers so as to provide more clean hot water.

Other economically viable ways of making the buildings as green as possible are currently being researched.

Ecology of the Site

Surveys have been conducted by professional consultants and established that:

The development of the site will not have a detrimental effect on **the bat population**. The new buildings may provide a more suitable habitat for bats than the currently undeveloped site.

No evidence of reptiles was found on the site.

Except for a section of trees adjacent to the houses bordering the Playing Fields and adjacent to the road, most of the trees in **the plantation will have to be felled**. In general they are of a very poor quality. **New trees will be planted** to more than double the number removed.

In overall terms the development should in due course enhance the ecological value of the area.

Flood Risk

A flood risk assessment concluded that with the construction of effective soakaways there would be no increased risk of flooding to the village. Sewage will be treated in on-site facilities.