

## Fen Drayton Road, Swavesey

This 1.3ha site which was granted permission in 2014 has been developed to provide 20 affordable dwellings. Several SuDS features including permeable paving and an attenuation pond have been constructed to manage surface water arising from the development.



The site has utilised permeable paving on private access roads, drives and car parking.

Water that soaks through the paving is then collected beneath the surface and conveyed to an attenuation pond at the downstream end of the site.

As well as providing effective source control, permeable paving provides a level of treatment of surface water to reduce the risk of pollution.

Water then flows into a shallow attenuation pond which is a permanently wet feature, vegetated with reeds and other suitable vegetation. The use of the granular filtration system will improve the quality of the run-off. This feature attenuates water before allowing a controlled discharge of 6.4 l/s into a watercourse.

The basin has been designed with shallow side slopes to allow access for maintenance. Benches have also been placed around the pond to enable residents to benefit from amenity.

