

SCHEME

Moreton Hall, Bury St Edmunds

CLIENT

Wilson Connolly Ltd

CONSULTANT

Dennis Wilson

CONTRACTOR

Breheny

PIPE APPLICATION

1,200m of 2800mm diameter Weholite 2kN/M<sup>2</sup> HDPE pipe installed as a storm water storage attenuation tank



### Largest scheme, lightest product at Bury St Edmunds ...

Attenuation tank adopted by  
**Anglian Water**



A new housing estate development, on the outskirts of Bury St Edmunds, sought to maximise amenity land use by providing a 8000m<sup>3</sup> storm water storage tank solution in preference to wet pond. WEHOLITE structured wall large diameter pipe was the most cost effective solution.

A total of 1200m of 2800mm diameter pipe was supplied in 14m lengths. The use of Weholite plastic pipes resulted in a 50% reduction in delivery lorry movements and a reduced impact on the local environment. This achievement is a result of Weholite pipes being 9 times lighter than their concrete equivalents. A typical lorry load of three 2.5m concrete sections weighs 25.5 tonnes but a 14m length of Weholite pipe weighs only 5.5 tonnes. Only a small single machine was needed to handle and lay the 14m Weholite pipes. Weholite's long pipe lengths also reduced site tracking from delivery point to excavation when compared to concrete sections.

"We would probably have needed two larger machines if we had opted for the concrete option," said Richard Cotte, Breheny's contract manager. "Add to this the time efficiencies and reduced lorry movements to site and I would have to say that Weholite proved to be a highly cost-effective solution. I would have no hesitation in using Weholite attenuation tanks again."

### THE ESSENTIAL SOLUTION FOR PIPE USERS NATIONWIDE

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