

SCHEME

East-the-Water Sewage Transfer Station

CLIENT

May Gurney adopted by South West Water

CONSULTANT

Pell Frischman

WEHOLITE SOLUTION

68 m x 3 m diameter, three legged WEHOLITE to be extended in 2006

WEHOLITE storage solution for new WestburyHomes residential development



WEHOLITE was chosen by South West Water as a sewage storage tank solution for a residential development for Westbury Homes in East-the-Water on the outskirts of Bideford, North Devon. The tank is positioned to act as an overflow for a new sewage transfer station. If the stations pumping system fails then the tank can accommodate typical flows for 72 hours (approx. 480,000 litres).

Westbury Homes identified the need for housing in the area and following discussions with South West Water's contractor May Gurney. ASSET International Ltd. was chosen to supply the sewage storage tank.

Being a local parkland nature reserve, the site will remain just that, once works have been completed early next year.

WEHOLITE was delivered to the site in 5 sections each weighing between 5-7 tonnes. The sections were seamlessly lifted into place within a morning using one crane.

Work at East-the-Water began in October 2005 and is due to be completed by in March 2006. The installation of the WEHOLITE tank has taken a total of 4 weeks. This was broken down into the following; 2 weeks to excavate the hole, 1 week to place the WEHOLITE and fusion weld the sections together, and 1 week to backfill.

Using WEHOLITE proved both cost and time effective, as Kevin Parkhouse, General Foreman on site for contractor May Gurney said, "Speed proved a major factor in demonstrating the benefits of using ASSET WEHOLITE in preference to precast concrete box, resulting in savings in plant cost and overall project time scale."

Richard Pinnegar, Site Engineer for May Gurney, identified the key safety benefits to using the product on this particular site, "By using light-weight WEHOLITE we reduced the risks involved with lifting and positioning traditional concrete tanks, and hence WEHOLITE offered the safest solution for our workforce."

THE ESSENTIAL HDPE WATER MANAGEMENT SOLUTION

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