

SCHEME

Liskeard Sungirt Lane

CLIENT

Alfred McAlpine for South West Water

CONSULTANT

Hyder

WEHOLITE SOLUTION

60 m x 3 m diameter, two legged WEHOLITE

WEHOLITE acts as storm water storage vessel at Cornish site in Liskeard



3 m diameter WEHOLITE plastic pipe was installed at Sungirt Lane in Liskeard in October 2005 as part of the South West Water Capital Work Scheme to act as a water storage capacity vessel, to reduce the number of storm overflow events occurring. The scheme was set up to achieve compliance with the UWWTD and the East River Quality Objective Protection Policy for the East Looe River.

Liskeard suffered from moderate levels of groundwater infiltration, with the old part of the town reported as worst affected. The location chosen to upgrade the system was just upstream from one of the existing Combined Sewer Overflow chambers within the catchment area.

Contractors Alfred McAlpine decided that the ASSET pipe would be the ideal application for their site. Dave Hollyoaks Senior Engineer for Alfred McAlpine comments, "ASSET WEHOLITE was chosen due to the cost effective benefits of the system and the ease of installation. We had a difficult access to site, dealing with slopes and tight areas. Thanks to the light weight of WEHOLITE

we were able to use smaller machines to lift the 3 m diameter pipe into place."

Further hurdles included another shaft in close proximity to the deep excavation with an electric cable in the way; so precision digging was key to the smoothness of the operation. However once this was achieved, the use of WEHOLITE soon increased the speed on site, as Dave explained, "Once the preparation was done the whole process of placing the pipe took a maximum time of one hour. Compared to alternative methods, the speed and ease of placing WEHOLITE proved ideal for the position of the job."

With the site posing no disruption to the public, the job took just three weeks to complete, including the excavating. Contractors Alfred McAlpine have used WEHOLITE on a number of projects with various specifications and Dave says that they are keen to continue their relationship with ASSET International Ltd. "We have used WEHOLITE on several occasions due to the obvious benefits and the products reliability, and we will undoubtedly use them in the future."

THE ESSENTIAL HDPE WATER MANAGEMENT SOLUTION

CONTACT ASSET International Ltd:

Head office: Stephenson Street, Newport, South Wales, NP19 4XH

Tel: 01633 271906 - Fax: 01633 290519 - E-mail: sales@assetint.co.uk - Web site: www.weholite.co.uk

Scottish office: 1 McMillan Road, Netherton Industrial Estate, Wishaw, Lanarkshire, ML2 0LA

Tel: 01698 355838 - Fax: 01698 356184