



St. Mary's Bay Trunk Main TP08, Folkestone

Enterprise has worked in a collaborative relationship with Veolia Water since 2004. Through our strong relationship with Veolia, Enterprise secured the St. Mary's Bay Trunk Main project in 2010.

In order to deliver this project, Enterprise acquired the assistance of one of its Direct Service Providers, M & A Doocey, with them completing the majority of the site works and Enterprise project managing and supervising. The project required the installation of 1.6km of 400mm diameter ductile iron trunk main, and installing it in open cut.

The trunk main was to be installed on a busy coastal road between St. Mary's Bay and Folkestone in high season; therefore it was extremely important to ensure that Traffic Management was diligently managed to minimise the impact on local residents, businesses and tourists.

The proposed route of the trunk main passed through a Site of Special Scientific Interest (SSSI), an area of land which is considered to be of special interest by virtue of its fauna, flora geological or physiographical / geomorphological features.

Enterprise had to take consideration of the site when laying the trunk main in line with published guidance.

The new main was laid in an aggressive saline environment, requiring that the entire, client supplied, ductile iron pipe was factory wrapped in a polyurethane sleeve. Each joint was then heat shrink wrapped to ensure the continuity of the protective wrapping.

This work was carried out in close liaison with the pipe supplier, St Gobain, who carried out on site technical support and filmed the operation for use in their instructional DVD.

By conducting project specific risk registers we identified the risks associated with the programme delivery before beginning. Early identification of possible risks through a process based on 'eliminate, reduce or control' ensured that the programme was delivered effectively and efficiently.

Although the work was undertaken in high season, no negative feedback was received from residents or other stakeholders despite the work being carried in a challenging tourist location.

Summary

As a result of the successful delivery of this scheme, Enterprise has been asked to provide value engineering solutions for the next phase of the trunk main, scheduled for installation in 2012.

Enterprise has recently been awarded Mains Renewal contracts for Veolia Water South East due to high performance on this project amongst others.



Enterprise
Lancaster House
Centurion Way
Leyland
Lancashire
PR26 6TX

Tel: 01772 819000
www.enterprise.plc.uk