

TMS Maritime is a leading UK specialist in marine civil engineering, ancillary floating plant and diving services

Client: **South West Water**

September 2010

Project: **Pipe Laying, Polperro**

### Requirement:

A new sewage outfall to be laid from a rock mounted Pumping Station onshore and stretching 900 metres out to sea.



### Solution: ▼

Cut a gully through the rocks to allow the new pipeline to reach the Pumping Station. Assemble the pipe at nearby Par docks and tow to sea in one section, before sinking and fixing to the sea bed.

Working with **Dean & Dyball**, the principle contractor, TMS Maritime used a dive team to demolish rock to form a gully leading to the Pumping Station, using the environmentally safe CARDOX system. The pipeline was then assembled in one section with an equal length floatation pipe attached, before the whole was towed to position in Polperro.

With the pipe in place, the floatation pipes were flooded to sink the pipe; then removed, metal sleeves fitted to the sewer pipe and concrete mattresses used to fix the new pipe to the sea bed. Finally, a diffuser was fitted to the seaward end and the shore end connected to the Pumping Station.

