Polperro Sewage Treatment Scheme Newsletter | Issue 6 | February 2011

Welcome

Welcome to our monthly newsletter which has been produced by South West Water and Dean & Dyball Civil Engineering. The purpose of the newsletter is to keep everyone informed of progress on the construction of the new Polperro Sewage Treatment Scheme, and to provide some key information about the project. This newsletter will be updated throughout the construction phase of the project.

Overview of Recent Construction Work

The cliff stabilisation works and piling for the lift top station were completed before Christmas enabling the coastal path to be re-opened to the public as planned on 17 December.

With this work completed, excavations for the foundations to the easterly section of the screening building have followed straight on. Part of these works has comprised the placing of both site mixed concrete and pre-cast concrete units.

All pre-cast concrete units for the Screening Building have now been manufactured by a Cornish fabrication facility. Storage on site is limited and so the pre-cast concrete units will be transported around from Par Docks when space permits and as erection of the Screening Building proceeds.

The temporary over-pumping system, which bypasses the existing tunnel section, has been maintained allowing work to continue inside the 85m long tunnel. The new pipework has now been installed and the concrete floor covering this pipework is close to completion.

Foundation works to the easterly section of the Screening Building

What's Happening in the Next Month..?

The Screening Building foundation works at the base of the cliff will progress throughout February. Construction of the Screening Building itself will then continue with installation of the pre-cast concrete wall panels and floor slabs.

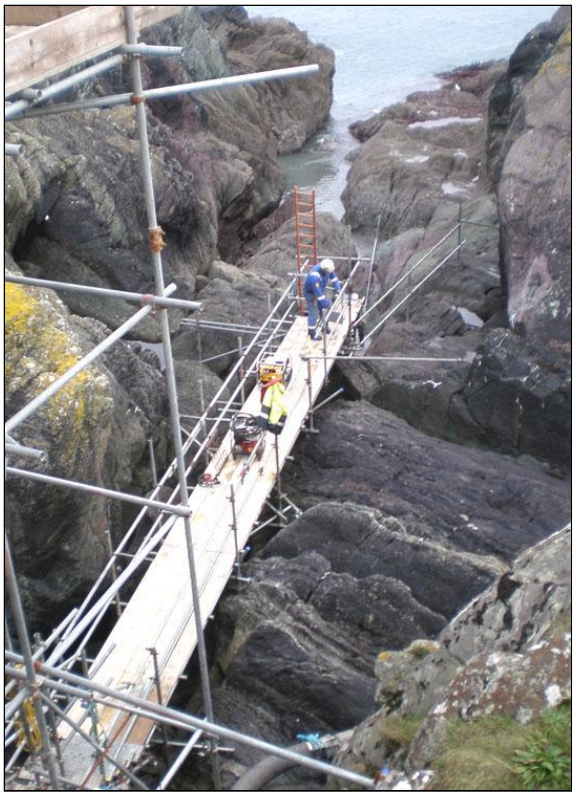
Once the concrete works inside the tunnel have been completed, we will start to modify the outfall chamber at the downstream end of the tunnel.

Divers will start work this month to install the new pipework from the outfall chamber, through the sea gully, to the long-sea outfall pipe that we installed last year. Working in the inter-tidal zone to install 65 metres of pipework along the seabed, these challenging works will take several months to complete. Because the work depends on both the tide and suitable weather windows, Cornwall Council has granted a dispensation that allows us to work over weekends where these variable conditions are met.

Works to rehabilitate the main sewer from the roman bridge to the screening building are due to commence at the end of February with jetting and cleaning of the sewer.

On completion of the cleaning the detailed repair scheme will be finalised, the sewer will be re-lined and the manholes in the harbour replaced.

The works are expected to take approximately four months. As they are being undertaken in the inter-tidal zone, mainly at low water, we expect little disruption to harbour traffic. We may, however, have to relocate some of the moorings while the works are underway, which is being discussed with the Harbour Master.



Scaffold access arrangements for the gully outfall pipework section

Further Information

Additional information can viewed on South West Water's website at:
www.southwestwater.co.uk/polperro and also the project's dedicated notice boards that have been erected at the following locations:

- Harbour area (west side) – adjacent to Harbour Notice Board at the fish landing area
- Entrance to site office compound (Sand Hill, Polperro)
- Seating area on the South West Coast Path, east side of the harbour
- South West Coast Path, west side of harbour

Should you wish to contact anyone with reference to the Polperro Sewage Treatment Scheme, please call the South West Water Customer Service Centre on 0800 169 1144.

Residents and visitors can now follow the scheme via a live webcam, which can be accessed via South West Water's website **www.southwestwater.co.uk/polperro**