

Temporary pump replacement

Working Together With



The Background

Selwood were called to an urgent Southern Water job at their Crablands wastewater pumping station in Selsey.

We were asked to remove a submersible pump and install a temporary replacement due to a broken mechanical seal.

The Challenge

Once on site it was clear that space was limited in the dry well and it would not be possible to install another submersible pump even with the broken one removed, due to the age of the pumping station and of the pumps already in place which were somewhat smaller.

Consideration had also to be taken into account with regards local residents, possible noise and smell.

The Solution

A solution had to be provided in which a diesel pump would not be adequate, due to the residential properties nearby.

The wet well was checked for depth and a relief spur was located which gave us a



suction point. It was decided to utilise the power supply from the broken pump and connect an electric S150 Super Silent in place.

Along with using the existing power we could also rig it to their telemetry for peace of mind for the customer which produced zero running costs and very little maintenance.

The Recommendation

Mike Cheesemore of Southern Water commented; "Having this electric pump was perfect for this location due to the closeness of the residents. The restricted space inside the dry well meant it was impossible for us to put another submersible pump down. Utilising this type of pump saved us on fuel costs".



The Result

Utilisation of the customers own power supply and telemetry was an added benefit, and whilst we were there, we were able to remove the broken pump and deliver it to their depot for repair.

Previously Selwood would have had to work with an additional contractor for the removal of the pump, but now under the M&E framework the complete job could be undertaken in-house.



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