

Case study 653

Sykes provide over-pumping solution to assist with culvert repair

When a well-known building and civil engineering company contacted Sykes Pumps in search of an effective over-pumping solution to assist them with a culvert repair for the local council, our engineers were on hand to help.

The customer in question required short-term pumping equipment to overpump the stream, whilst a new dam was being put in place.

Following a site survey carried out by one of our pump engineers, it was decided that the client would require a submersible pump hire and external power due to high flow rates and restricted space available, along with the fact that noise was an issue for local residents.

As a result, our experts deployed and installed an KE203 8" submersible pump that was used to carry out the main workload, along with a smaller P3001 submersible drainer to catch any excess water seeping through around the dam. We supplied our temporary over-pumping package along with a 60kVA generator and separate fuel tank to keep the noise at a minimum.

The work was carried out successfully and in record time, without any major disruption which led to the client hinting Sykes Pumps would be the first choice when similar culvert refurbishment & repairs surface in the future.



Weight (kg) 500Kg
Motor Type(V) 415v 50Hz
Motor Rating (kW) 22kW
Max Power Input (kW) 25kW
Running Current (Amps) 44 Amps
Dimensions (mm) Guide rail configuration (HxW)mm: 1235 x 720 Free Standing configuration (HxW)mm: 1380 x 1255
Discharge Spigots 8" Bauer
Cable termination Tails, lugs
Cable length 20m



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