

Case study 661

Sykes provide emergency pumping equipment to assist with sewer repair

When a combined sewer burst near a busy retail park in Beckton, East London, Sykes Pumps Hire was drafted in immediately and asked to over-pump the waste water while repairs were carried out simultaneously.

The burst pipe was causing sewage to spill out into the road, resulting in temporary road closures which subsequently left some of the car parking facilities inaccessible. An instant solution was required to ensure visiting customers were otherwise unaffected during normal opening hours, and our engineers appeared on site that very same day.

Our highly-experienced specialists visited the location to calculate the correct flows, recommending the use of a XFP301M 12" submersible pump along with 300 meters of 12" hoses to divert the sewer water back to the sewage system. This length of hosing was necessary to ensure the sewage was diverted a significant distance past the affected pipework before rejoining the system on the other side. We also provided the customer with a 160kVA generator which was required to maximise our pump's performance.

We also provided the customer with a variable speed drive control panel, giving them full flexibility to alter the speed of the pump in order to cope with the sewer's busy periods.

Once commissioned, the rented pump proved more than adequate for the application and was kept on site for approximately three weeks. Our customer was extremely pleased with the over-pumping solution implemented as it was crucial in facilitating major repair works to the affected sewer.



Weight 1,160kg
Motor type 415V 50 Hz
Motor rating 75kW
Max power input 79kW
Running current 131 Amps
Discharge spigots 6" bauer
Cable termination Tails, lugs
Cable length 20 meters
Dimensions Guide rail configuration (HxW)mm: 1740 x 885
Free Standing configuration (HxW)mm: 1970 x 1265



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