

Case study 647

Pump hire aids sewer pipe repair

When a large water recycling and supply company in England experienced a sewage pipe collapse, Sykes Pumps was contacted to provide an emergency wastewater pumping solution so the client could remedy the problem.

Once a pipe collapses, either a repair or replacement is needed immediately, as failure to address this can result in the loss of structural integrity of the sewer pipe itself. This could eventually lead to the soil above collapsing into the line and completely blocking the flow of wastewater. Swift intervention was therefore, essential.

Our solution to overcome the problem was to specify and install a Super Wispaset 150 diesel driven pump capable of dealing with flow rates of up to 90 litres per second. We also supplied the client with 100 metres of hose and a solar panel to keep the battery fully charged should the pump revert to stand-by use as the repair progressed.

The equipment delivery was arranged for later that day, with our specialists ensuring the pump and accessories were on site ahead of schedule. This enabled the sewer pipe to be repaired earlier than originally envisaged.

Our temporary pump hire arrangement was successful in helping a major customer avert an extremely undesirable scenario. The response of our engineers was a typical example of the speed with which Sykes Pumps can provide effective solutions for emergency situations.



Performance Max head: 38m, Max flow:
90 l/s, Max solid: 52mm
Weight 1990kg with fuel, 1800kg
without fuel
Dimensions (mm) 2310 x 1250 x 1535
Noise level @7m = 65 dBA
Fuel tank capacity 175 litres
Pipe connections Suction: 6" table D,
Discharge: 6" table D, Bauer couplings
option
Energy Efficient duty point Fuel
consumption @ 1500 rpm: 4.1 litres/h



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