



0800 211 611



CASE STUDY

Emergency Overpumping to Support Stormwater Main Replacement in South Yorkshire

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CASE STUDY

Sykes Pumps Supporting Emergency Stormwater Main Replacement in Mexborough

When a major construction contractor in South Yorkshire needed to replace a failing stretch of underground drainage pipework while maintaining flow between two manholes approximately 300 metres apart, they turned to our Doncaster depot for a reliable temporary pumping solution. The Sykes Pumps team was called in to provide a temporary pumping hire system, with live traffic management and a full pipe replacement strategy already under way.



SH150 SS Solids Handling Pump



2,000 Litre Bunded Fuel Tank

1 CHALLENGE

A large section of stormwater pipework running beneath the central reservation of a dual carriageway had reached the end of its serviceable life and required full excavation and replacement.

The difficulty was straightforward but critical: the drainage system could not simply be taken out of service whilst the groundworks were carried out.

Without a temporary pumping solution in place, the site risked waterlogging, potential flooding of the excavation area, and significant delays to the replacement programme.



2 SOLUTION

Our Sykes Pumps team from the Doncaster depot worked closely with the contractor to design and install a temporary pumping system capable of handling the full overpumping requirement across the 300-metre span.

- 2 x **SH150 SS Solids Handling Pumps** were set up to respond automatically to changing water levels within the manhole.
- A **2,000 litre Bunded Fuel Tank** to significantly extend the running time between refuels and allow works to proceed without interruption



The pumping solution kept construction operations running reliably throughout the replacement works.

3 OUTCOME

The overpumping installation operated reliably throughout the pipe replacement programme. Stormwater was managed continuously, keeping the excavation zone clear without any drainage-related delays.

The solids handling capability of the SH150 SS reduced the risk of blockages during the works, a critical factor when pumping stormwater that may carry debris from an active excavation site.



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Need temporary or emergency pump hire?

Sykes Pumps is here to support your operations with high-capacity pumps exactly where you need them.



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