

EMERGENCY HDD UNDER THE RIVER STOUR

A sewer pipe has burst directly under the River Stour. To prevent any wastewater flowing into the river, the pipe is no longer in operation requiring all wastewater flows to be diverted and be removed by a small fleet of tankers.

Allen Watson Limited are currently mobilising to its 64te class Midi HDD plant, ancillary equipment & men to Central Sandwich, near the Quay where they will drill under the River Stour a return mud line, a 450 mm and 500mm PE SDR111 to allow the transfer of waste water under the river to return to normal operations. The total project is expected to take three weeks in total.

PIPE BURSTING

Pipe Bursting is a trenchless method for replacing buried utility pipelines such as sewer, water or gas pipes without the need for a traditional open trench construction.

Pipe bursting sometimes referred to as Pipe Cracking, Pipe Splitting, Pipe Eating, Pipe Displacement and Pipe Replacement can be either pneumatic, hydraulic or static pull.

Pipe bursting can also be used to increase pipeline carrying capacity by replacing smaller pipes with larger known as "upsizing". Allen Watson Limited have experience in both size for size replacement and upsizing pipelines.

Pipe bursting is a trenchless means of replacing a current pipe utilising an existing but failing asset. The principle behind pipe bursting is to fracture the existing, deteriorating pipe displacing this into the surrounding ground while pulling the new replacement pipe into position without the need to excavate or remove the existing pipe.

Pipe bursting is most appropriate when a trenchless method of replacing an aging or damaged pipeline is required. Pipe bursting supplants the existing pipe forming a path for a new pipe as the existing pipe is displaced and because there's no need to remove or dispose of the old pipe, project time and cost is minimised.

