



Whirlwind air vortex cleaning

Clear and clean thickened sludge main

HTC, part of the Aquam group, has succeeded in unblocking a thickened sludge main at Yorkshire Water's Esholt wastewater treatment works. Traditional rodding and jetting techniques had already been tried on the 150mm-diameter main which carries 6% dry solids sludge from drum thickeners into a sludge holding tank.

Aquam's Whirlwind™ pipe cleaning system uses an air vortex to clear pipes, or without aggregate depending on the application. On this occasion aggregate was not required to bring the 250m-long stainless steel and ductile iron main back into action.

The entire operation was completed in a day and took place in March 2017, enabling processing of thickened sludges to recommence, boosting sludge recycling rates for Yorkshire Water.

This success has led to two further sludge lines being instructed to be cleared, aiding operations.

- Blocked sludge main cleared
- Project completed in one day
- Success where traditional techniques had failed



Our highly experienced staff are ready to help, call:

0844 543 3540

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