

POULTRY PROCESSOR,

Ice Pigging Case Study

UK

The Project – Waste Water

Our customer, a poultry processor in Norfolk, UK, were forced to spend a significant amount each day on removal of liquid waste by tanker to supplement a poorly performing effluent pipe which was operating at approximately 30% capacity due to an accumulation of waste. Ice Pigging was chosen as a fast and cost-effective method to bring the pipe back to normal service.

The Challenge

Problematic treatment at the Poultry Processing Plant had incurred large amounts of sludge deposit to be collected inside the 2000m stretch of their effluent pipe. This had a detrimental effect on the systems flow rate and overall ability to remove liquid waste from the site.

The customer was contracting **six** waste tankers per day to cover the problem at considerable expense.

Key Requirements

- ▶ Increase flow rates
- ▶ Remove waste build-up from pipe walls
- ▶ Avoid disruption to plant operations
- ▶ Eliminate the use of waste tankers

Ice Pigging was used to clean and clear a waste effluent main that was experiencing decreased flow rates due to a build-up of abattoir waste on its pipe wall. Approximately 2000m of MDPE piping was cleaned in just two visits, showing significant flow improvement of 100%.



Sludge deposits that were cleaned from inside the pipe walls.

THE RESULTS:

Savings on daily use of waste tankers costing approximately £2000 a day



Improved flow rates of 100%



Increased treatment capabilities achieved



UTILITIES



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