

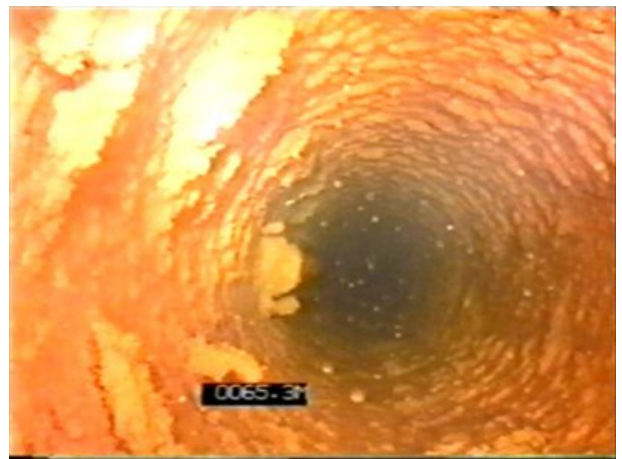
Water Company - N. Ireland



October 2004

This Well Was Abandoned 3 Years Previously.

- **The Bore is 98m deep**
- **Water Supply For Belfast N.I.**
- **Abandoned at 0.2 ML/day**
- **Treated with BoreSaver Ultra C**
- **Now Fully Restored at 4 ML/day**



Prior to remediation, a CCTV survey indicated that the borehole was significantly clogged with iron biofilm and associated deposits. The well liner was completely clogged, with up to 5 cm of film observed over a 40m length of the HDPE liner. The borehole could not sustain yields of more than 0.2ML/day, despite the original yield being around 4ML/day in the early 1970s.

Previous remediation attempts using high pressure jetting at the sister borehole proved unsuccessful, and damaged the well liner in the process making the well unusable. The flushing was probably not able to remove biofilm from the gravel pack on the outside of the liner.

Environmentally Sensitive Solutions

The application of Aquabiotics Bore Saver Ultra C resulted in excellent removal of biofilm and subsequent pumping tests indicated that the original borehole yield of 4ML/day had been restored. The borehole was brought back into public supply for the first time in 3 years, within 1 week of the remediation being completed.

