## Blockbuster/Drain Corp Joint Venture Projects.

## 22m of Santar replacement in Hurlingham, Sandton.

A home owner had been having ongoing problems with a Santar sewer in Hurlingham. This line had blocked repeatedly and plumbers were eventually called in to fix it. They dug open both ends of a 22m section and found that there were more roots inside the pipe than outside the pipe! The section had to be replaced but was fairly deep and would be time consuming and expensive to replace using conventional digging. The owner also wanted it to be fixed quickly because it had been blocked for over a week and it was causing great inconvenience to him and his family – his wife in particular.



Pipe being prepared

This project was fairly straightforward – some of the excavation had already been done for us. The pulling was complicated by very wet soil that did not withstand the force exerted by the winch. The sewer system had pooled over a number of days and this had caused the soil to get wet. This was overcome by additional wooden supports and a slightly bigger hole.



HDPE over the wall

The new pipe was fed in over the wall and pulling was uneventful except the "stuff" that came out on the winch side. The old pipe was totally blocked with roots and this all got dragged out by the winch!



New HDPE pipe in place.

The job took just over 4 hours to complete.

## The Benefits of using BB&DC's pipe replacement method

- 1. The most cost effective solution especially if you need to go under buildings, walls, paving and tarred roads.
- 2. Minimal disruption to the property we only dig a series of small pits.
- 3. Little or no contamination of the area we work in we don't dig up all the contaminated earth and spread it around as you would have to using conventional methods.
- 4. We can replace the pipe in heavily contaminated ground that is in fact nothing less than a septic tank. The contaminants stay where they are and will ultimately become inert.
- 5. The replacement is quick and disruption to sewerage flow minimal.
- 6. Pipe is replaced. You thus have a brand new pipe that is round and smooth inside with no compromised structural integrity.
- 7. Immensely strong HDPE (class 6-10) pipe with a minimum of joins will provide hassle free sewerage flow for the next 100 years!

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