

## **News in Brief - March 2010**

### **Company News**

Posted by: AnnetteGriffiths

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**New addition to our Fleet - Perforator PB85V Guided Augerboring System.** Current News - In brief: March 2010.....

Due to a program of continued growth and an ever expanding order book, we have recently increased our fleet and the range of services we can offer with the Purchase of a Perforator PB85V Guided Augerboring System. We have been actively Augerboring and trialling various Manufactures Rigs for some time now and decided that the Perforator ticks the most boxes from all the set-ups currently available. Capable of installing Clayware Sewerage/Drainage pipes from 150mm – 500mm or Lost-Steel Casings to 610mm OD from within a 2.1m (min) diameter pit or Manhole, the PB85V punches well above its weight when considering its compact size. Whilst the 85-ton of forward thrust seems to be the industry norm, the rig really comes into a different league when considering its Torque Capability of 18000Nm (25-50% more than it rivals) giving us the edge when it comes to changeable and more challenging ground conditions. We feel that this addition to our Trenchless Fleet allows us to offer our clients an even broader range of alternatives to open-cut methods all available under one roof!! Since the last update in late 2009 we at Trenchless Solutions have successfully completed numerous contracts, utilising our range of specialist tunnelling plant. There are also several new jobs to start. A new development Exeter required the surface water drainage to be collected in a new pumping station. We constructed a DN3660 shaft using the caisson technique, completed intricate benching and handed the completed works over, 2 days in advance of the programme, to our very pleased Client, just in time for Christmas. Spenborough WwTW near Heckmondwike, Yorkshire played host to our elite guided auger team just before the Christmas break. Construction time was very limited on this contract, therefore understanding our Client's requirements and working closely with all concerned was vitally important, both before and during the works on site. The accurate planning, programming and detailing of the works proved worthwhile as within 6 working days we had set up, installed 45m of DN450 pipe and cleared all our resources from site. The pipe was installed to the exacting standards of our Client and passed all the required tests. The final effluent from Southwell WwTW needed to be diverted to the River Trent; this required the installation of 5km of new gravity sewer. The proposed route of the new outfall crossed below the Nottingham to Newark railway. After constructing the permanent thrust and reception shafts we installed 75m of DN600 using our Iseki Unclemole. The high accuracy monitoring of the Network Rail infrastructure confirmed that no movement occurred during or after the works. To achieve the tight programme and absolute requirements of Network Rail the site teams worked continuously until the tunnel was completed - a credit to the company and testament to our commitment and professionalism. The thought of working 24/7 for 7 weeks didn't even begin to worry our site teams involved with the works at Ilford. The job was to install 240m of DN1500 pipe in one crossing, below railway lines, major roads and buildings, to facilitate the threading of a new large diameter water main. Works started on site exactly on time and were finished to our Clients complete satisfaction, 6 shifts in front of the agreed programme. Our Herrenknecht AVN machine and all supporting equipment performed reliably throughout the works to complete the missing link in this pipeline project. When a Tesco store is under construction it appears that nothing shall stand in its way. At the

new Tesco development in Middleton some major sewers required diverting to allow the works to continue. The majority of this work had been undertaken using open cut techniques. Unfortunately, in one particular area, the presence of existing underground services precluded the use of an open cut option. Enter the record breakers – from arriving on site to clearing the last of our resources took us 6 days and resulted in our Client being the proud owner of a new 50m length of DN1200 sewer, installed using our backacter shield. The peak production for one shift was 19.5m and the maximum deviation from the design line and level was 7mm.