

The North Industrial Park in Leipzig-Plaußig



Drinking water pipeline for developing new sites on an industrial park

Leipzig-Plaußig North Industrial Park is part of the Northern Area, the most important industrial development area in the Leipzig region, and came into being when action was taken to find a factory site for the BMW Group. The industrial park consists of 340 hectares of high-grade sites for industrial units. The zone at the heart of the park is the BMW factory and laid out around this are many other sites for industrial units. A logistics company which will be working for BMW was planning to relocate to the park, so one thing that had to be completed, by the end of 2008, was the full development of three sites as far as the supply of water and electricity and other services was concerned, and also the re-laying of existing pipelines. One part of the development work was the laying of a DN 1000 long-distance drinking water pipe-

line, the Schwarzer Berg pipeline, which was completed in September and October of 2008. This long-distance pipeline is owned by KWL, the Kommunale Wasserwerke Leipzig GmbH waterworks. Around 140 metres of the existing run of pipeline had to be abandoned to provide space for a new storm water retention basin which ensures that storm runoff can be carried away from the southern part of the North Industrial Park without doing any damage.

Ductile cast iron – the right material for the new drinking water pipeline

It was important to find the appropriate material for the new 175 metre long run of pipeline.

After successful negotiations with Kommunale Wasserwerke Leipzig, BGW was able to include the contract among its success-

es. In the past, customers in Leipzig had repeatedly put their trust in the reliable ductile gas iron pipes and the secure and flexible BLS® joints. In the case of the new section of pipeline, which begins at a section which was laid back in 2006 as part of the planned widening of the federal autobahn BAB14, which connects up with the existing pipeline at a bend below Dingolfinger Straße, the decision was made to use ductile cast iron pipes and fittings of 800 nominal size with BLS® joints. For outside protection, the choice was to use zinc coating and the epoxy resin cover coating. Because of the ease with which the BLS® joints could be laid, and also because of the level terrain, it took just a month to complete the installation work. The new section of pipeline went into operation on 10 October 2008.

