March 2011 issue • Vol. 5

NEWS
DUCTILE IRON PIPE SYSTEM

Information from the European Association for Ductile Iron Pipe Systems · EADIPS®

Editorial

Dear readers,
WASSER BERLIN INTERNATIONAL 2011 will soon be with us and in this March 2011 issue of the Newsletter, I would like to draw your attention below to the fact that the FGR®/EADIPS® and its members companies are going to be at the Fair. It would be a pleasure for me to welcome you to our information stand. The present Newsletter is also concerned with the installation of a new drainage sewer pipeline and with the installation of new drinking water pipelines and the replacement of an old one – all of the installation work done with ductile iron pipes. Have an enjoyable and stimulating read.
Sincerely yours,

Raimund Moisa

News about ductile iron pipe systems

The Fachgemeinschaft Guss-Rohrsysteme (FGR®) e. V. / European Association for Ductile Iron Pipe Systems · EADIPS® and its member companies will have stands at the WASSER BERLIN INTERNATIONAL 2011 Trade Fair which is being held from the 2nd to the 5th of May 2011 on the Berliner Exhibition Grounds landmarked by the Funkturm.

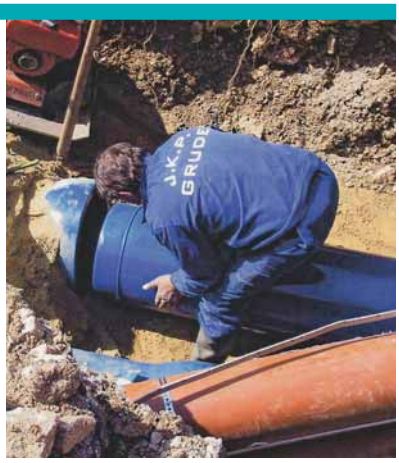
◆ The FGR®/ EADIPS® will have a stand of its own (stand 211) in hall 1.2. The Association will be happy to tell visitors to the Fair about the latest applications of ductile iron pipe systems and will be showing the Annual Journal No. 45 **DUCTILE IRON PIPE SYSTEMS**, which has just been published, the very latest Newsletters, and the most recent edition of the E-Book **Ductile Iron Pipe Systems**. The member companies of the FGR®/EADIPS® will be exhibiting at WASSER BERLIN INTERNATIONAL 2011 on their own exhibition stands, where they will be showing some very up-to-date product developments and the uses to which they can be put. It will be worth your while to visit Düker GmbH & Co. KGaA (hall 4.2, stand 304); Duktus Rohrsysteme Wetzlar GmbH and Duktus Tiroler Rohrsysteme GmbH (hall 3.2, stand 118) and vonRoll hydro (deutschland) gmbh and vonRoll hydro (suisse) ag (hall 4.2, stand 121). **www.wasser-berlin.de**

Ductile drainage sewer pipes for a medieval town centre

◆ Lying to the south of Berlin in the federal state of Brandenburg is the idyllic little town of Treuenbrietzen, which has a medieval old-town in the centre. Because of the old and densely packed historic buildings and the fact that the drainage system for rainwater has to be installed at a shallow depth, the town's planning authority opted to install 306 m of DN 800 ductile iron sewer pipes to EN 598 in the "Breite Strasse" and parts of the "Bäckerstrasse". The pipes are zinc coated on the outside and are provided with an epoxy finishing layer. The lining of high-alumina cement mortar gives the pipes reliable protection not only against biogenic corrosion but also against abrasion by sand and chippings carried in with the water.

Ductile iron pipe systems for Bosnia-Herzegovina

There is enough water in Bosnia-Herzegovina but what there isn't, is distributing pipelines. Only around 60 % of the population of this Balkan country are connected to a public water supply. Between 94 % of people are connected in the towns and cities and 20 % in rural areas.



◆ The combined municipality of Grude was one of those lacking an adequate system for supplying drinking water. There was an old network of drinking water pipelines which supplied only a small part of the region covered by the municipality. Many households had to rely on wells, which were inadequate from both the qualitative and quantitative points of view and were even a health risk in many cases. New pipelines have been installed to ensure a supply of hygienically satisfactory drinking water.

Ductile iron pipes were among those used. A total of 15,775 m of ductile iron drinking water pipes of DN 400, DN 300 and DN 150 nominal sizes with a PUR Longlife coating have been supplied. The reliable and easily connected BLS®/VRS®-T push-in joint was used to install the pipes. The pipe manufacturer passed on significant know-how, to make sure that the local installing companies had been properly instructed in the technique of installing ductile iron pipe systems. The drinking water supply for the combined municipality of Grude, with its 20,000 or so inhabitants, is a prestige project in the field of strengthening communal structures and many representatives of other municipalities have obtained information on it and have gained the knowledge they need for developing their own water supply systems.

Crossing a stretch of railway line in Delitzsch

◆ The town of Delitzsch in the German state of Saxony obtains its drinking water from the northern and southern parts of the heath known as the Prellheide and from the town of Spröda. The water is fed to Delitzsch for treatment via a 16 km long transporting pipeline of DN 500 steel pipes.

The pipeline, a steel one, had been giving trouble in the area where it crossed the stretch of railway line between Bitterfeld and Leipzig. The local supply utility, DERAWA Zweckverband Delitzsch-Rackwitzer Wasserversorgung, therefore decided to replace the old pipeline of steel pipes, in the region where the railway line was crossed, with an 84 m long pipeline of DN 500 ductile iron pipes fitted with the BLS®/VRS®-T restraint system. The new pipeline would follow a new route.

From the starting pit, to the west of the railway line, 42 m of DN 1000 reinforced concrete protective pipes were installed below the tracks by guided pipe jacking. In addition, a watertight manhole was connected in on the western side to enable the water to be contained and led away in the event of any damage occurring. The drinking water pipeline of DN 500 ductile iron pipes was pulled into the DN 1000 reinforced concrete protective pipes using skids for sliding and pipe cradles. Finally, seals were made at the lead-throughs for the pipes in the manhole and the ductile iron pipes were connected by fittings to the existing steel pipeline.

DATES FOR YOUR DIARY

02–05 May 2011
WASSER BERLIN INTERNATIONAL 2011, Berlin

17–18 May 2011
8. Kanalbautage 2011 [8th Sewer Construction and Installation Conference 2011], Heidelberg

25–26 May 2011
Convention and Trade Fair "Gas Water" 121th ÖVGW (Austrian Association for Gas and Water) Annual Convention, Vienna

Imprint:

Issued by/copyright: Fachgemeinschaft Guss-Rohrsysteme (FGR®) e. V. · European Association for Ductile Iron Pipe Systems · EADIPS®
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Press date: 17 March 2011
Production: schneidermedia.de