EADIPS®
FGR®

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NEWS

DUCTILE IRON PIPE SYSTEMS

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

Editorial

Dear Readers,

In this March 2015 issue of the Newsletter I am reporting on the part played by EADIPS®/FGR® in WBI 2015 and I'd be very pleased to welcome you to our Stand 504 in Hall 1.2b.

There are also reports on water pipeline renewals and their installation using both the open and closed techniques. The ductile iron pipes installed were provided with different coatings.

Have an enjoyable and stimulating read

Sincerely yours

Raimund Moisa

WASSER BERLIN INTERNATIONAL

EADIPS®/FGR® represented at WBI

◆ The WASSER BERLIN INTERNATIONAL (WBI) 2015 trade fair takes place from 24–27 March 2015 in the Funkturm exhibition centre in Berlin. EADIPS®/FGR® will be represented with its own exhibition stand in Hall 1.2b, Stand 504. And in connection with WBI 2015 the INTERNATIONAL PIPELINE CONSTRUCTION SYMPOSIUM/2nd NO DIG Berlin 2015 will be held on 25 March 2015 from 9 am to 6 pm in the Stuttgart Room/Hall 1.2.

EADIPS®/FGR® will be giving a presentation here on the subject "4 Renovation/Rehabilitation":
11.30–12.00, Dr. Jürgen Rammelsberg
Ductile cast iron pipe systems –
pioneers of trenchless pipeline construction and renovation methods.

A further presentation will be given by EADIPS®/FGR® on 26 March 2015 in the Speakers' Corner of exhibition Hall 1.2, Stuttgart Room:
10.15–10.45, Ulrich Päßler
Ductile cast iron creates value.

EADIPS®/FGR® as well as their member company Duktus Rohrsysteme Wetzlar GmbH (Hall 1.2b, Stand 405) are looking forward to your visit to the trade fair and some interesting discussions. For further information on WBI please go to the website www.wasser-berlin.de.

Replacement of a drinking water pipeline in Stockhausen

◆ The waterworks responsible for the district of Neuwied decided to replace the DN 250 GGG cast iron water transport pipeline in the Stockhausen district of Windhagen (under the district administration of Asbach) over a length of about 880 m with a new DN 250 drinking water pipeline. DN 250, PN 16, K 9 ductile iron pipes with cement mortar coating to EN 15542 and BLS® restrained push-in joints were installed. According to DIN 50929-3, pipes with this form of external protection can be used in all types of soil. The new DN 250 water transport pipeline was installed along public highways and service roads and also in the carriageway and the unpaved verges and hard-shoulders of the main L 272 and L 247 roads. The pipe manufacturer provided support in the form of technical instruction on site for the construction work which was completed in June 2014.

Absolute security of supply in one day – vonRoll ECOPUR pipes make it possible

◆ The water supply authority of Elfingen, in the Frick valley of the canton of Aargau, decided to replace an old DN 120 grey cast iron pipeline dating back to 1955 with a new pipeline of vonRoll ECOPUR DN 150 ductile iron pipes with a reinforced polyurethane (PUR) coating. If they had used conventional construction techniques (laying the new supply pipeline in the existing route) the water supply company would have had to cope with supply problems over a number of weeks. In order for the new water pipeline to be available again quickly and economically it was decided that the water supply pipeline would be replaced using the static burst-lining process according to DVGW technical instruction GW 323. The restrained push-in joints from the HYDROTIGHT system safely absorb the longitudinal forces occurring and make rapid and very simple assembly in the pull-in pits possible. The sockets of the ECOPUR pipes were fitted with stainless steel sheet protective cones during the pulling process. With meticulous detailed planning of the work it was possible to complete the approximately 100 m long section of pipeline including the connections in a single working day.

Replacement of a drinking water pipeline in a main approach road to the city of Klagenfurt

◆ Völkermarkter Straße is one of the four main approach roads to the city of Klagenfurt. Because of various service interruptions, the 30-year-old plastic water pipeline installed in this road needed to be replaced. Stadtwerke Klagenfurt AG took the opportunity of the renewal of the water pipeline to expand the water supply system. Also the road surface was in need of renovation. Because of the high traffic loads, the decision was to use to ductile cast iron as the piping material for the new pipeline to be installed. 1,200 m of DN 300, K 9, cement mortar lined ductile iron pipes with restrained VRS®-T push-in joints were laid. The ductile iron pipes are provided with a PUR Longlife coating in the factory. The pipeline project was completed in three months.

Dates for your diary

24–27 March 2015
WASSER BERLIN INTERNATIONAL 2015, Berlin

23–24 April 2015
figawa/rbv Annual Conference 2015, Stuttgart

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Editor's comment

◆ In the German version of the February 2015 Newsletter we reported on the DN 500 drinking water connection pipeline from Mainz-Amöneburg to the waterworks at Wiesbaden-Schierstein. Research has shown that in all likelihood the 3.4 km long DN 500 pipeline will only be constructed as from Spring 2015. Ductile iron pipes with restrained BRS® - and BLS® - push-in joints and a cement mortar coating will be installed. We will report on the pipeline once it has been completed. Because of particular operating conditions the client decided that, before going ahead with the actual drinking water connection pipeline itself, an additional section of around 200 m in length should be installed with vonRoll ECOPUR full-protection pipes in ductile cast iron. The February 2015 Newsletter looked at this section.