

NEWS

DUCTILE IRON PIPE SYSTEM

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



Editorial

Dear readers,

In this March 2012 issue of the Newsletter, I can announce that the FGR®/EADIPS® and its member companies will be having stands at the IFAT ENTSORGA 2012 international trade fair.

You can also read my report on drinking water pipelines which have been rehabilitated or laid as new. On one project this was done in conjunction with sewage pipelines which were replaced in parallel – all of which was done with ductile iron pipe systems.

Have an enjoyable and stimulating read,

Sincerely yours,

Raimund Moisa



What's new in ductile iron pipe systems – halls A 1, A 4, A 5 and B 6

The FGR®/EADIPS® and its member companies will be present at the IFAT ENTSORGA 2012 international trade fair from the 7th to the 11th of May 2012 on the Messe München exhibition grounds. The FGR®/EADIPS® will have its own stand, stand number 502 in hall A 5. We look forward to seeing you and having a talk about the latest applications of ductile iron pipe systems.

The FGR®/EADIPS® will also be giving talks, as follows:

- ◆ Wednesday, 09.05.2012, Fair FORUM, hall A 5, 12:00 – 12:30 hours
- ◆ Thursday, 10.05.2012, Fair Symposium, ICM room 14 b, 14:40 – 15:00 hours

Dipl.-Ing. Raimund Moisa – “Practical Applications of Ductile Iron Pipe Systems in the Water Industry”

The member companies of the FGR®/EADIPS® will be exhibiting on their own stands at IFAT ENTSORGA 2012 and will be showing their latest product developments and their applications. Click on this link www.eadips.org/ifat_entsorga_2012 to see the halls and stands where our member companies will be exhibiting.

Water supplied by ductile iron pipes in the municipality of Lenningen

◆ The municipality of Lenningen in Baden-Württemberg uses ductile iron pipes in its water supply system. A number of installation operations were carried out in 2011.

In the Gutenberg district, a DN 150 gravity pipeline and a DN 100 filling pipeline need-

ed replacing between the waterworks and the service reservoir because the hydraulic performance of the existing pipelines was no longer good enough. Ductile iron pipes with restrained BLS® push-in joints and a cement mortar coating (ZM-U) were installed. In the Schopfloch district, twin 400 m long pipe-

lines serving its service reservoir and in the Oberlenningen district a 1240 m long gravity pipeline running from its service reservoir were replaced, all with DN 250 ductile iron pipes as described above.





A boom in Bozen – the drinking water and sewage network is growing

◆ Measures to improve the drinking water and sewage situation had been planned for a long time in the Gries district of Bozen, and these have now been accomplished. The first installation involved the drinking water and sewage pipelines for the St. Georgen, Guntswana and Sand districts on the southern slope of the Tschöggelberg mountain ridge. 3.8 km of duc-

tile iron pipes were installed. With this project, the supply company Energie-Umweltbetriebe Bozen A.G. (SEAB) is meeting the supply requirements of the most densely populated part of the capital of the province of South Tyrol. At the same time as the 1.8 km long DN 125 drinking water pipeline with BLS®/VRS®-T push-in joints was being installed, work was starting on the installation of 2.0 km long DN 200 sewage pipeline, also with BLS®/VRS®-T push-in joints. The sizing of the drinking water pipeline took into account the reserve needed for fire-extinguishing

water and for the geodetic difference in height of 400 m. Ductile iron pipes of wall-thickness class K 9 were used. Large parts of the route lay along the secondary road from Bozen to Jenesien. In the steep stretches, a helicopter and a walking excavator were needed to help with the laying of the ductile iron pipes. The depth of the trench varied between 0.6 m and 1.5 m. The client and the installing company were both very happy with the uncomplicated way in which the ductile iron pipe system could be handled when being installed.

The Hofstetterfeld development in Sursee

◆ In the north-east of the town of Sursee on Lake Sem-pach in Switzerland, a new part of the town with easy access to schools, local transport and shopping facilities

is being built on 106,000 m² of land known as the Hofstetterfeld. The project is being implemented in two stages. The first stage of the building work comprises 312 new apartments. The development work began back in 2011. vonRollecopur ductile iron pipes with integral polyurethane internal and external coatings, classified as reinforced coatings under EN 545, were used for the drinking water and development pipeline, which is designed for a PFA of 16 bars. The vonRollecopur fully protected pipes of DN 400 and DN 250 nominal sizes and wall-thickness class K 9 are restrained by the tried and tested vonRollhydrotight thrust resistance system. The high-performance DN 400 transporting pipeline is 400 m long and continues into a 300 m long DN 250 development pipeline which was installed in the area to be built on. The



restricted space for the routing of the trench in the area to be built on meant that large numbers of vonRollecofit-fittings with an integral epoxy coating to EN 14901 and RAL GZ 662 were also needed. All in all, everyone involved in the project – the client, engineers and pipe-layers considered the vonRollecocsys fully protected ductile iron system with the vonRollhydrotight push-in joints extremely easy, time-saving and safe to install and were together very pleased with how it all went.

Dates for your diary

23–24 April 2012

FIHB-FGR®/EADIPS® Conference for College and University Teachers, Zurich

07–11 May 2012

IFAT ENTSORGA 2012, München

23–24 May 2012

122nd Annual Conference of the Austrian Association for Gas and Water 2012, Innsbruck

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