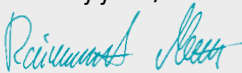




Editorial

Dear readers,
 In this April 2014 issue of the Newsletter I am reporting on a presentation by EADIPS®/FGR® in Norway. In addition there is a report on the construction of a new pressure pipeline in the Austrian municipality of Hardegg, the installation of a water and sprinklerpipeline in the industrial sector and the laying of a reservoir supply pipeline in the area of a motorway construction site in Switzerland. I very much hope that I will be able to welcome you to our exhibition stand no. 377 in Hall A 1 at the IFAT 2014 in Munich. Have an enjoyable and stimulating read.

Sincerely yours,



Ihr Raimund Moisa



EADIPS®/FGR® presents a lecture in Norway

Once again, Brødrene Dahl held its "360° Symposium", an event known well beyond the borders of Norway, on 19 and 20 March 2014 – this time in Lillestrøm near Oslo.

◆ Brødrene Dahl is the leading civil engineering firm in Norway. The company is part of the SGBD Group (Saint-Gobain Building Distribution), to which the EADIPS®/FGR® sponsoring member of the same name also belongs. The overall theme of the event was "Sustainable business in times of climate change". EADIPS®/FGR® was represented by the three full members Düker GmbH & Co. KGaA, Duktus Rohrsysteme Wetzlar GmbH and VAG-Armaturen GmbH. "Ductile cast iron creates value" was the name of the contribution by EADIPS®/FGR® in the lecture part of the event. Chairman Ulrich Päßler spoke about the sustainable aspects of ductile iron pipe systems in the various stages of the life cycle of an infrastructure project in the water management industry. The superiority of ductile iron pipe systems in terms of technical, economic and ecological factors was clear. Also emphasised were the suitability and increasing importance of ductile iron pipe systems for all areas in which the trenchless technique of installation is used – a trend which promotes sustainability by avoiding bulk transport, noise from construction, CO₂ emissions and disruptions to traffic.

Replacement of a pump pressure pipeline in the municipality of Hardegg

◆ In the town of Hardegg in Lower Austria there have been numerous instances of damage to the water supply pipeline running to the elevated tank over the last few years, meaning that security of supply was threatened and maintenance costs were correspondingly increased. In Summer 2010 the water supply was only just able to be maintained with the help of all 8 of Hardegg's municipal fire brigades. So the decision

was made to completely replace the supply pipeline, with its 1,300 m length and a height difference of some 200 m. Construction work was started in November 2012. The challenges for the piping material were firstly the high pressure and then the rocky substrate. As well as this, the pipeline runs through a nature reserve in which no soil replacement was permitted. Therefore DN 150 ductile iron pipes with re-

strained VRS®-T push-in joints and cement mortar coating were laid. Because of the simple and fast installation of the VRS®-T pipes in the difficult terrain, the construction time was able to be shortened to 7 months. Completion of this project meant that the supply of drinking water for Hardegg has been sustainably secured again for decades.



Liebherr group of companies opts for ductile iron pipe systems

◆ In July 2013 the Liebherr group of companies commenced the construction of a new logistics centre in Oberopfingen near Kirchdorf an der Iller (Baden-Württemberg). In future, the supply of spare parts worldwide for Liebherr earth moving machines will be handled from there. It is expected that the first part of the logistics hall will be completed in the third quarter of 2014. The investment for the first stage of expansion amounts to more than 100 million euros. For the new drinking water and sprinkler pipelines to be

installed, the Liebherr group of companies decided to use 750 m of ductile iron pipes DN 200, C 64 (K 10), PN 16. In addition to cost effectiveness and a long working life, an essential criterion for the decision was the simple, fast and secure installation of the cast iron pipes. This meant that the progress of work on other structures was not restricted or even hindered. The restrained BRS® and BLS® push-in joints enabled the work of connecting the pipes to shaft structures and buildings to be carried out a great deal more quickly and easily.

Construction of new bridge over the Rhone at Visp-Baldschieder

◆ After the conglomeration of Brig-Glis/Naters, Visp is the second most significant smaller centre on the Upper Valais plain. Visp is getting a new motorway junction for the A 9, called "Visp West". The centre piece of the "Visp West"



Termine

27–29 April 2014

EADIPS®/FGR®-FIHB Conference for College and University Teachers 2014, Vienna

05–09 May 2014

IFAT 2014, Munich

24 June 2014

11th Sewage Construction Conference, Braunschweig

Impressum

Issued by/Copyright:

European Association for Ductile Iron Pipe Systems · EADIPS®/
Fachgemeinschaft Guss-Rohrsysteme(FGR®) e. V.

Im Leuschnerpark 4

64347 Griesheim/Germany

Phone: +49 (0)61 55/60 52 25

Fax: +49 (0)61 55/60 52 26

E-mail: info@eadips.org

www.eadips.org

Press date: 14 April 2014

Production: schneidermedia.de

motorway junction construction is the new bridge over the Rhone. The entire laying work for the supply pipeline to the reservoir, with a length of 250 m, was carried out with vonRoll DUCPUR DN 300 pressure pipes to EN 545. DUCPUR ductile iron pipes with a polyurethane (PUR) lining and external zinc/bitumen coating were installed. The water supply pipeline was laid conventionally as regards the underground part and using the open technique in the area of the bridge. vonRoll ECOFIT

fittings coated with epoxy resin powder were used for constructing the pipeline. The pipeline is secured with the external vonRoll HYDRO-TIGHT thrust resistance system. At the high point of the pre-stressed trough bridge, safety fittings had to be incorporated into the newly created high point. The specially produced DN 300 ECOFIT block flange T-fitting with two DN 100 outlets (small picture) enabled the safety fitting to be installed with precision.

