

Minsk Is Well Treated with HOBAS®



Belarus' capital Minsk has been booming over the past few decades and its number of inhabitants has in fact almost doubled since the 1960s. It is therefore understandable that facilities such as the waste water treatment plant that was established in 1964 could no longer keep up with the rapidly growing demands. The extension of the given maximal capacity of 470,000 m³ water per day became absolutely essential.

Thus, an additional pipeline discharging up to 100,000 m³ waste water was designed and realized in 2005 for the industrial area of Minsk. A second line with the same capacity followed one year later. In order to find the suitable pipe material, the project engineers thoroughly compared the different characteristics of possible alternatives and finally decided to utilize HOBAS CC-GRP SewerLine® systems. Parameters such as hydraulic characteristics, life-time and corrosion resistance clearly spoke for the top-quality products.

Apart from the second line, HOBAS GRP products were also installed for the water treatment plant itself to connect various mechanical and biological parts of the facility and to transport the biologically activated sludge. HOBAS System Poland delivered the SewerLine® DN 2000, SN 5000 in 2007 and the contractor Minskvodostroj completed the unobstructed installation of 428 m within 2 months only. Thanks to the easy assembly and light weight of HOBAS products, the installation time and construction costs of the relatively large diameter line could be kept to a minimum.

The client as well as the contractor are pleased with the advantages HOBAS CC-GRP pipe systems provide and are moreover highly satisfied with the successful cooperation in this first move toward a modernized waste water treatment plant in Minsk.

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Year of Construction

2007

Length of Pipe

428 m

Pressure Class

PN 1

Stiffness Class

SN 5000

Diameter

DN 2000

Installation Method

Open trench

Application

SewerLine®

Client

IOOO Katron

Contractor

Minskvodostroj

Hobas Sales Reps.

Rimantas Gruodis

Advantages

long lifetime, corrosion resistance, abrasion resistance, excellent hydraulic characteristics, simple and fast assembly despite large diameters

