

Ozonia signs new wastewater reuse contact with Beijing Drainage Group (14/12/10)

Ozonia China, a subsidiary of Degremont, has signed a new ozone contract with Beijing Drainage Group, the biggest wastewater company in China in terms of total assets (these amount to \$2.9 billion) to reinforce the Bei Xiaohe Waste Water Treatment Plant (WWTP).

Urbanization has increased the demand on the plant and created the need to significantly upgrade the existing facility. The ozone treatment is aiming at the reclamation of secondary effluent, which contains abundant organic substances and bacteria.

Beijing is leading China's drive to become the world's biggest user of recycled wastewater. The Bei Xiaohe WWTP project is part of an overall upgrade of the eight WWTPs of Beijing, and Ozonia China has already been selected to provide ozone disinfection system to three of these: Qinghe WWTP, Jiuxianqiao WWTP and Bei Xiaohe WWTP.

Ozone emerges as a very versatile solution for the treatment of effluents, says Ozonia. It allows the production of an effluent with no micro-organisms, no colour, no odour, low chemical oxygen demand level and suitable for discharge into the environment, use in agriculture for example.

The OZAT CFV range is Ozonia's latest generators for medium-sized ozone applications. The design is based on feedback from hundreds of operators and includes the latest technology to ensure continuous operation at full-load in industrial environments. A feature of the larger units is the fused dielectric tubes which makes them particularly suitable for remote service in drinking water plants, says the company.

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