

Norit NV

FOR IMMEDIATE RELEASE
December 11, 2009

NORIT DO BRASIL RECEIVED DUTCHAM TRADE AWARD 2009 - 2010

We are delighted to announce that Norit do Brasil received the DUTCHAM Trade Award 2009 – 2010 for a leachate plant project executed by our partner OEM Aquamec Haztec, one of the most important water treatment companies in Brazil

The Dutch Brazilian Chamber of Commerce (DUTCHAM) is a bilateral institution highly committed to provide a qualified and continuous support to enhancing the commercial interchange between the business communities of Brazil and the Netherlands. The DUTCHAM Trade Award is given to companies who earned their merits in trade or investments between Brazil and the Netherlands.

Aquamec Haztec developed a unique and innovative solution for zero discharge leachate treatment using Norit Crossflow MBR technology.

The first phase of the CTR Nova Iguaçu's leachate treatment plant located in Nova Iguaçu, RJ - Brazil and implemented by Aquamec Haztec began operation in May 2009 with expansion of leachate treatment to 600 m³/d of leachate projected for January 2010. This is the first leachate treatment plant in Brazil using Norit MBR Crossflow technology and it is the only one in the world with zero discharge.

The new facility will produce high quality water, meeting the 4-log virus removal level, the highest public safety standard. When treating leachate (liquid that drains or 'leaches' from a landfill) purified water is produced together with a concentrate containing several pollutants. This concentrate is normally directed to the sewers. In Nova Iguaçu, there were no sewers for discharge. The solution found is that the concentrate is treated by means of a chemical oxidation/flocculation/precipitation, and then returned to the main process. Norit had a strong participation in the project including making engineering reviews and providing on-site support of local technicians during the commissioning and start up phases.

The OEM chose for Norit Crossflow MBR technology because of the stringent discharge and footprint requirements by the customer – the system had to be very compact and reliable. In addition, Norit's technology excelled by means of the lowest cost per treated cubic meter of leachate.

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About Norit NV

The Norit Group develops and applies state-of-the-art purification technologies to help society, through our clients, meet environmental, health, and safety challenges, and work towards a sustainable future. Headquartered in The Netherlands, Norit supplies consumables, components, systems, and solutions, based on proprietary technology to a variety of industries including the water, beverage, food, chemical, pharmaceutical, and marine industries. Almost 9 percent of the world's population - over half a billion people – already consumes water purified by Norit!