



For Immediate Release

AqWise presents award winning biological waste water treatment Solution at IFAT 2008

AqWise to launch a new enhanced process to expand wastewater treatment capacity and extend nitrogen removal via an advanced biological process

Herzliya, Israel, March 14 2008 – AqWise, Hall A3, Booth 300, will be presenting enhancements to its award winning biological based solution for wastewater treatment and its innovative AGAR[®] (Attached Growth Airlift Reactor) fixed biofilm moving bed process.

The AqWise Solution helps meet stringent effluent quality requirements both cost effectively and on a truly scalable basis. Implementation of the simple to operate AqWise Solution in an existing plant is straightforward and delivers increased treatment capacity, as well as improved organic carbon and nutrient removal. No additional area is required as the existing bio-reactor requires only minor internal modifications. The AqWise Solution, therefore, reduces the cost of upgrades to existing plant, shortens the project duration and simplifies it, and reduces the need for additional construction works.

Using the AqWise Solution in “green-field” applications, either municipal or industrial, results in compact waste water treatment plants, while enabling easy future expansion and just-in-time capital investment.

Pivotal to the success of the AqWise’ proprietary wastewater treatment process, a result of a decade of intensive research and development, are the advanced AqWise Biomass Carriers. The carriers offer a unique aero-dynamic design with extended surface area for biofilm growth, as well as a heavy duty structure and a durable surface. These are specially designed to protect the biomass from abrasion and shear without compromising the mass transfer efficiency. The AqWise Solution also presents a unique aeration design and mixing pattern.

The AqWise Solution has been successfully implemented worldwide in dozens of installations for both BOD and nitrogen removal and is suitable for municipal wastewater treatment plants, as well as various industrial applications, such as: food and beverage, pulp and paper, oil and gas and more.

Aqwise Solution - Clear and Simple

The AGAR® Advantage

- Cost efficient
 - Significantly low Capex & Opex
 - Immediate capacity increase for existing system upgrade
 - Low sludge yield
- Small foot print
 - No need for infrastructure expansion when upgrading an existing system
 - Highly effective procedure in small and medium bio-reactors in 'green field' applications
- Fast deployment
 - For both 'Green Field' and upgrade installations
 - Flexible design to match any plant considerations
- Scalable operation
 - Enables gradual plant expansion even within same reactor parameters
 - Allows accurate investment planning based on actual production realities – just on-time investment
- Durable & stable
 - Hydraulic and toxic shock load resistance, as well as fast recovery
 - High media life expectancy
- Innovative Technology
 - 'Fully open-fully protected' biomass design eliminates carrier clogging
 - Unique aeration design and mixing pattern
 - Versatile AGAR® configurations designed to match various plant requirements and conditions - Applicable for both pre-treatment and post-treatment applications

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About AqWise

AqWise - Wise Water Technologies Ltd. is a world leader in the development and implementation of innovative wastewater treatment solutions which addresses today's urgent need for cost-effective wastewater treatment plants for industrial and municipal clients.

AqWise's proprietary AGAR® (Attached Growth Airlift Reactor) technology increases capacity of BOD and nutrient removal in wastewater treatment plants, and may be used for rapid, scalable and economical upgrade of existing plants or for new plants which require a limited footprint.

The company's technology is successfully installed worldwide in dozens of municipal and industrial plants, in various fields such as pulp and paper, food and beverage and aquaculture farms.

AqWise is headquartered in Israel with offices in Mexico and has a global presence via subsidiaries, licensees and representatives.

www.aqwise.com

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