

FOR IMMEDIATE RELEASE

MeurerMBR INSTALLED IN ONE OF WORLD'S LARGEST TUNA CANNERIES

Mexican Cannery Selects Flexible Flat-Sheet MBR for Exceptional Ultra-filtration, Small Footprint & Chemical-Free, Mechanical Cleaning Process

GOLDEN, COLO—October 10, 2011— MeurerMBR, the only back-pulsable, flexible flat-sheet membrane bioreactor available, successfully pilot-tested and was selected for full-scale installation at the Mazatlan, Mexico, Pescados Industrializados, S.A. (PINSA) tuna cannery. Full-scale construction is underway.

Producing more than one million cans daily, PINSA is one of the largest manufacturers of canned tuna in the world. The cannery is updating its wastewater system to comply with new effluent quality regulations adopted by the Mexican government.

MeurerMBR was chosen for its small footprint, exceptional effluent quality, and new, patented BIO-CEL® Mechanical Cleaning Process (MCP), which removes membrane deposits without using toxic chemicals; eliminates the costs of chemical purchase and storage; and maintains membrane permeability.

Eliminating chemical costs enables PINSA to stay within a strict budget.

In the full-scale system, thirty percent of the MBR effluent will be further polished for plant reuse through Ozone, Activated Carbon, and RO processes.

Wastewater for the cannery is a byproduct of defrosting, carving, cooking, and canning. Fabrication and design of the pilot began in December 2010, and on-site testing began in January 2011.

Operational parameters can be adjusted via remote login access, using a PLC-based control system with human machine interface (HMI). All tanks, pumps, blowers, and electrical devices are housed in a 20-foot container, enabling easy transport.

The MeurerMBR customized pilot unit consists of one BIO-CEL® BC10 module of 107 square feet with a biological volume of about 600 gallons (240 gallons anoxic, 240 gallon aerobic, 6 fine bubble disc diffusers, 120 gallon filtration tank).

"We are delighted to work with PINSA to install the MeurerMBR. This system is designed to meet increasingly stringent regulations and satisfy the need to re-use and re-cycle water. The installation at PINSA takes full advantage of the technology," said Lonnie Meurer, President, Meurer Research, Inc.

Please visit Meurer Research, Inc. at WEFTEC 2011, Booth 5023 in the west hall.

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Contact

Chris Thiel
Meurer Research, Inc.
WEFTEC Booth 5023 (West Hall)
303.279.8431, Golden, CO, USA
cthiel@meurerresearch.com

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About Meurer Research, Inc.

Meurer Research, Inc. engineers and manufactures advanced water and wastewater treatment products to solve the complex issues facing treatment facilities worldwide. Founded in 1978, MRI has over 50 patents and more than 5,000 installations. The company designs, manufactures, installs, and provides education and after-market customer service for a range of products including MeurerMBR®, Inclined Plate Settlers, Hoseless Cable-Vac™ and Ultra-Scraper Sludge Collectors, MRI Mix & Match Flocculation Systems™, Time Machine Pilot Systems, and Package Plants. MRI is headquartered in Golden, CO. Call 303.279.8431 or visit www.meurerresearch.com.

Photo: PINSA_Aerial_MBR (jpeg available)



Aerial view of MeurerMBR wastewater treatment system at one of the world's largest tuna canneries, PINSA, in Mazatlan, Mexico. This flexible flat-sheet MBR was selected to meet new, higher quality effluent regulations adopted by the Mexican government.
www.meurerMBR.com