



MillerCoors Awards Contract to ADI Systems Inc.

MillerCoors has awarded ADI Systems Inc. a full design-build contract for a new ADI-MBR (membrane bioreactor) facility for its brewery near Elkton, VA. The new ADI-MBR facility is designed to treat effluent from two existing ADI-BVF anaerobic reactors to meet new 4 mg/l total nitrogen and 0.3 mg/l total phosphorus discharge limits.

These strict discharge limits are being imposed as part of the five-state effort to reduce nutrient loadings to the Chesapeake Bay. The ADI-MBR will replace an existing conventional activated sludge system at the site.

The ADI-MBR process is based on the world's leading MBR technology and is well-proven in similar applications. It offers the right blend of high performance, ability to meet the very stringent nitrogen and phosphorus discharge limits, ease of operation, minimal membrane cleaning, and small footprint that MillerCoors was looking for.

The MBR system is a five-stage biological nutrient removal process, with both biological and chemical phosphorus removal. The project also includes the installation of a new sludge dewatering system featuring two belt filter presses.

The new facility will be operational in late 2009.

With more than thirty years of hands-on anaerobic and aerobic treatment experience and close to 200 installations in 30 countries, ADI has a successful track record for challenging industrial wastewater treatment and energy recovery projects. ADI Systems and its partners around the world provide systems on a turnkey, design-build basis or as a technology package.

For information on how your plant can achieve similar results, contact systems@adi.ca.