



Anheuser-Busch

Baldwinsville Brewery Environmental Overview

The Baldwinsville brewery brews more than 6.5 million barrels of beer per year.

Helping the Environment In 206, the Baldwinsville brewery recycled more than 99 percent of the solid waste it generated. Materials included grain from the brewing process, plastic strapping, stretch wrap, aluminum, glass, cardboard, plastics, office paper and metals.

Grain from the brewing process is collected and sold as animal feed.

BERS Operation The Baldwinsville brewery utilizes Bio-Energy Recovery Systems (BERS) technology that converts nutrients in leftover water from the brewing process into renewable biogas. Anheuser-Busch is the world's largest operator of BERS.

BERS provides approximately 19 percent of the Baldwinsville brewery's fuel needs. The annual output of renewable biogas is equivalent to the fuel required to heat 750 homes in northern New York state for a year.

Aeration Upgrade Aeration is a vital step in the process of preparing wastewater before it is released into the Seneca River. The process also assists in converting brewery wastes into solids, which will eventually be dewatered and recycled by local farms as fertilizer.

In a step towards improving efficiency of the aeration systems, the brewery replaced the jet aeration system on the 6.75 million gallon aeration basins with fine bubble diffusers.

This upgrade provides Anheuser-Busch a power savings of 3 million kilowatt-hours per year.

Collecting Carbon Dioxide The brewery uses a carbon dioxide advanced purification system (or CAPS) to capture up to 90 percent of the biogas generated during the fermentation process. CAPS purifies the carbon dioxide for re-use in the brewing and packaging processes.

Energy Savings The brewery's condensing heat exchanger project supplies eight percent of the facility's heating needs.

Recent Award

- 2006 Air & Waste Management Association's Waste Management Award for successfully operating one of the most technologically-advanced water treatment plants in the private sector in Central New York.