BASWOOD

BioViper™

Sustainable Wastewater Treatment for the Dairy Industry

Benefits of a Baswood System

- Environmentally responsible system that supports sustainability initiatives with a reduced carbon footprint, lower electrical consumption than conventional biological wastewater treatment systems, and virtually odor free operation
- Low life-cycle costs, providing an enhanced return on investment
- Superior digestion rates, resulting in significant savings on BOD and related surcharge fees
- Efficient biosolids digestion reduces the quantity of sludge by 60% or more, decreasing disposal costs
- Eliminates the need for primary or secondary solids pretreatment, saving on equipment costs
- Modular, customizable unit with compact footprint and minimal site infrastructure needs, reducing construction risk
- Easy to use, proprietary control system, reducing the expense of operator oversight

For additional information

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The Baswood BioViper™ is a robust, automated, biological system specifically designed to treat high-strength dairy processing wastewater streams with minimal chemical needs and low energy consumption, resulting in lower life-cycle costs. The BioViper™ offers a preferred combination of cost effectiveness, size, and simplicity to achieve optimal pretreatment when compared to traditional treatment technologies.

Baswood's patented Aerobic/Anaerobic Integrated Media System (AIMS) and Dry Cycle Aerobic/Anaerobic Digestion (DCAD) technology maximizes treatment efficiency. Wastewater is fed sequentially through a series of biological treatment zones accelerating BOD digestion. Our reduced hydraulic rention time, ability to treat fats, oils, and greases (FOG), and increased solids retention will achieve your treatment goals, while eliminating the need for additional solids removal technologies.

Baswood's BioViper™ provides a sustainable solution for efficient treatment of high-strength BOD wastewater from dairy processing, and **a quicker return on investment**.

Pilot Testing | System Design | Equipment Supply | Installation | System Startup and Commissioning | Operations Training | Long-Term Support