

## Wastewater Treatment with MaxFlow Membrane Modules

<b>Project:</b>	Membrane Bioreactor (MBR) Plant for Millheim, USA
<b>Contractor:</b>	A3-USA, INC
<b>Application:</b>	Replacement of an existing Trickling Filter Wastewater Treatment Facility
<b>Capacity:</b>	379 m³/d
<b>Input:</b>	Municipal Wastewater

**Data:** A3- USA supplied MBR plant equipment including MaxFlow membrane modules, guide rail systems, piping, containerized control building for permeate pumps, blowers, control panel and MCC, influent fine screens, and aeration equipment. The MBR plant replaced a 13 year old trickling filter wastewater treatment plant whose effluent was not in compliances with Pennsylvania's current standards. The A3-USA MBR plant operating today easily meets all required effluent regulations. A3-GmbH supported A3-USA during the design stage.

■ Membrane modules MaxFlow	M70-002
■ Quantity membranes modules	14
■ Total membrane surface	980 m²
■ Pore size	0.1 µm

