

**Kartonfabrik  
MAYR-MELNHOF Karton  
Frohnleiten, Austria**

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**Objectives**

To "Polish" any suspended sludge particles from the outlet of the Bio Plant before final discharge to the river.

**Installation**

An ALGAS Microfilter Type 85 W was installed in May and commissioned in July 2003.

**Background**

Replacing existing sand filters with "a state of the art" concept to remove any suspended sludge particles prior to final discharge, to meet local discharge limits.

**Solution**

With two ALGAS Microfilters already successfully operating in the mill, an AMF 85 also treating waste water and a second cleaning river water before a heat exchanger, it was a logical decision to install another for this final polishing application.

**Technical informations**

Quantity to be treated by ALGAS	10'000 m <sup>3</sup> /day
Suspended solids at entrance of the ALGAS Microfilter	max. 200 mg/lit
Clear filtrate	< 30 mg/lit



Installation of Filter

