MUTAG
WATER MATTERS

Reference: WWTP, Switzerland

COD/BOD Reduction with MBBR Technology.

Project:
WWTP at Perlen Papier, Switzerland

Industry:
Pulp & paper

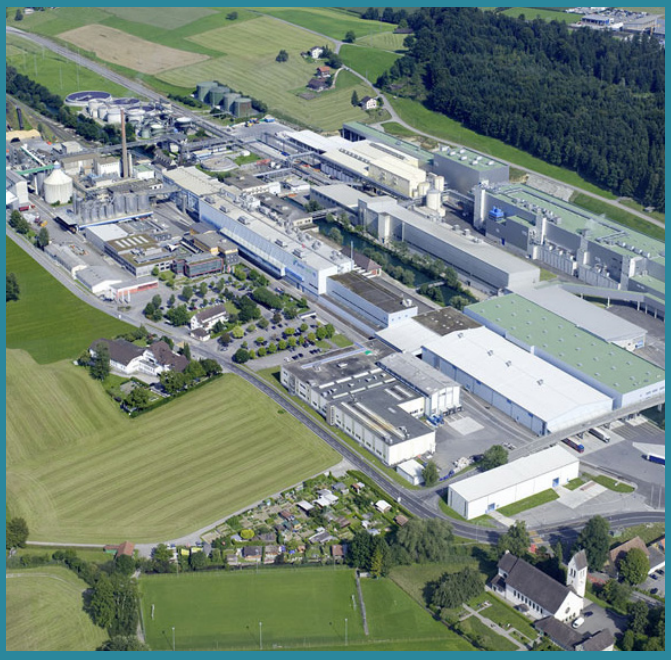
Facts & figures:
- Q = 1000m³/h
- 300 m³ Mutag BioChip™
- COD_{in} = 2000 mg/l
- COD_{out} = <300 mg/l
- MBBR plant design
- Efficient reduction of COD/BOD
- In operation since 2010
- Easy to operate and maintain

Task:
The papermill had to meet the requirements for BOD/COD removal and they choose Mutag to assist with that.

Solution:
Mutag delivered plant design and engineering service; MBBR for COD/BOD removal. We delivered Mutag BioChip™ and technical equipment for the biological treatment tanks.

Results:
The plant has been in operation since 2010 and the Mutag BioChip™ are still fully efficient cleaning the wastewater.

The BioChip™ are used for high-loaded COD/BOD removal with a volume flow rate of Q = 23,520 m3/d.



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