



Anti-clogging pumping in Switzerland

water solutions

MUNICIPAL WASTE WATER LIFTING STATION IN REINACH AARGAU

Situation

A municipal waste water lifting station plant was regularly blocking due to fibers and solids contained in the fluid that clogged the plant's pumps. This situation brings many, expensive, problems of stopping plant and mehanical maintenance. So the plant manager asked us a way to solve the clogging problems and limit the maintenance work.

Solution

We offered as solution a UNIQA IE3 Chopper Version. This pump is provided with Channel impeller with cutting system included. This configuration cut the solids and fibers in the liquid, and grant a continuously operating avoiding unwanted stops.

All the Uniqua chopper series impellers ensure high resistance to abrasive liquids, thanks to the Molib-tech treatment; an innovative coating technique ideal for preventing serious wear due to erosion or cavitation on pump impellers, suction flanges and bodies

Benefits

Now the UNIQA Chopper pump is running since four months free of blocking and reducing the weekly arising manipulation expenses.

As the UNIQA Chopper is fitted with a high efficiency motor, we could provide the same requested operation duties with less consumption of energy, what means an additional cost advantage for the final client.



The pump ready to be installed



Pump ready to be lowered into the pit



Pump ready to work

Customer	Blue Energy GmbH				
Company Profile	Pumps, Turbines and Energy Technology				
Location	Reinach Aargau	Country	Switzerland	Area	Luzern
Application	Waste water and sewage lifting station for Reinach municipality				
Installed Products	UNIQA Chopper ZUG CP 100F 3/4 AW 170 PA				
Date	Jan 21st, 2017				