

Surface Water



A case study



After years of research the first Aqua-4D® was installed in Crans-Montana, Switzerland. The lake has a volume of 140,000 m³ and was suffering from strong algae growth and clouding of the water. The media keenly observed our new approach in this important tourist destination.

Comparison with nearby lakes with the same conditions (climate, water quality) that were treated chemically showed that over the following 3 years Lac Moubra was the only lake with significantly improved water clarity and reduction in algal growth.

The municipality of Montana has decided to install the technology in a second lake. Today a number of installations are being progressed all over Europe.



Clouded water before the installation



After treatment in Lac Moubra



Happy customers...

3 months after installation: « We can already see a decrease in algae growth ... visibility has improved ... »

Switzerland, Montana, F.Tapparel, president, in ARTE-ZDF environment

3 years after installation: « We have to clean the lake a lot less than in previous years. The expenditure is about five times less ... We have also noticed a decrease in clouding and an improvement in visibility. We perceive the result of installing the system as very positive. »

Switzerland, Montana, J-M. Bonvin, head technician, in Rhone FM



Advantages of this system

Significantly reduced maintenance

Maintenance work due to algae growth is reduced by 80%. Herbicides use has stopped. The investment had paid for itself within a year!

Tourist use assured

Cloudy water poses a safety problem and often results in a ban on swimming and general use. Quick improvement of visibility has the advantages of improving aesthetics as well as safety.

Environmentally friendly

There is no need to use herbicides any more and restoring a balanced ecosystem has increase species diversity in both flora and fauna. Aqua-4D® has created huge opportunities for lake management in a sustainable, environmentally friendly and cost efficient way.