OLOID Solution GmbH

Increase in production over 30%

Fish farm Sitzenberg-Reidling, Sitzenberg, Austria

Teichwirtschaft Sitzenberg-Reidling
http://www.weihnachtskarpfen.at/

Operation
Large pond 5.6 ha; 5 m deep
Small pond 1.35 ha; 1.5 m deep
with each 1 OLOID Type 400 A

Period
Since 2004

Success
Increase in production over 30%

Higher Oxygen content

Site Description
The carp farming system consists of two ponds. The large pond has a water surface of 5.6 ha with a maximum depth of 5 m. The small pond has 1.35 ha and is 1.5 m deep. Both ponds are interconnected. In the large castle pond every fall 6-7 tonnes carp are harvested. The ponds are supplied by a small tributary of a intensively farmed area with water.

Objective of the OLOID use
Aeration of ponds and reduction of ammonia and nitrite concentrations, especially in the summer months . Reduction of green and blue-green algae, as well as increasing the health of carp stocks.

OLOID use
A OLOID Type 400 A is deployed on the big Schlossteich in June 2004. A second OLOID Type 400 A is in use on the small castle pond from June 2005.

Results
The Austrian water protection guard carried out investigations:

- The oxygen content has increased and the values have stabilized
- The algae production has visibly reduced
- Ammonium and nitrite are only measured in acceptable concentrations
- The annual yield of carp has increased by over 30% since 2005
- The summer issue outages caused by oxygen deficiency could be avoided

OLOID Solution GmbH
W.-Winkler-Str. 3 | D-04178 Leipzig | mail@oloid.de | www.oloid.de