QUESTIONNAIRE – Pond - and Lake remediation

OLOID – Agitate, Circulate, Aerate

In order to quickly clarify whether this energy-saving technology is suitable for your application, please fill out the questionnaire as far as possible and to send us by e-mail.

Questionnaire

1. Pond geometry and volume

(If possible enclose sketch)

- Number of ponds with below dimension: ..... qty.
- Width of pond: ..... m
- Length of pond: ..... m
- Diameter of pond: ……..... m
- Water height: min: ..... m
  max: ..... m
  median ..... m
- Pond volume: min: ..... m^3
  max: ..... m^3
  median:..... m^3

2. Pond / Lake Inflow and outflow and loads

2.1. Inflow to the pond / lake

River ❍ Min. / Max. / Median (m^3/d)

Ground water ❍

Other (description): .....

. .....

.....

2.2. Is contamination caused by the feed?

By which physical-chemical parameters can the impurity be described:

…….....

…….....

.....

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2.3. Loads of other origin:

Business / Industry ❍
Domestic sewage ❍
Manure / agriculture ❍
Foliage / organic material ❍
Rain / surface water ❍
from the neighbourhood

2.4. Drain from the pond / lake

River: ❍ Min. / Max. / Median (m^3/d)
Subsoil seepage: ❍
Other (description): …….....
.....
.....

2.5. Sketch of the pond / lake with inlet and outlet (add sketch if necessary):

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2.6. Problems due to pond / lake contamination

Algae growth	yes ❍ no ❍
Too low O_2 contents	yes ❍ no ❍
Odour	yes ❍ no ❍
Mud	yes ❍ no ❍
Impact on fish stocks	yes ❍ no ❍
Restrictions as bathing waters	yes ❍ no ❍

2.7. How is the natural catchment area of the lake / lake used?

(For example. Agriculture, recreation area, etc.)

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.....

.....

2.8. Have pond / sea remediation measures already been implemented? If yes, which (ventilation, deep water sampling, etc.)?

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3. Pond / lake water texture

We assume that in many cases not all of the in the table below listed physical-chemical parameters are available. Please enter all that are available.

Water parameter	Unit	0.5m under water surface	0.5m above pond ground
Temperature	°C		
Water colour			
Odour			
PH-value			
Sight depths (Secchi-disc)	m		
Filterable substances (with 0.45 µm filter)	mg/l		
Dissolved oxygen	mg O_2/l		
BOD_5 (Homogenised sample)	mg O_2/l		
COD_{total}	mg CSB/l		
Ammonium-Nitrogen (NH_4-N)	mg/l		
Nitrate-Nitrogen (NO_3-N)	mg/l		
Nitrite-Nitrogen (NO_2-N)	mg/l		
Total Nitrogen (TN)	mg/l		
Phosphate (PO_4-P)	mg/l		
Total Phosphate	mg/l		

Company: .....

Name: .....

Place and date: .....

Signature: .....

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