

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: m³
max: m³
median:..... m³

2. Pond / Lake Inflow and outflow and loads

2.1. Inflow to the pond / lake

- River Min. / Max. / Median (m³/d)
- Ground water
- Other (description):
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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 (m³/d)
- Subsoil seepage:
- Other (description):
-
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2.5. Sketch of the pond / lake with inlet and outlet (add sketch if necessary):

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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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