



## QUESTIONNAIRE

### FOR AERATION SYSTEM DESIGN

Organisation/Enterprise \_\_\_\_\_  
Address \_\_\_\_\_  
Responsible person full name \_\_\_\_\_ Position \_\_\_\_\_  
Tel. \_\_\_\_\_ E-mail \_\_\_\_\_

#### 1. Specifications of aeration tank

##### 1.1. Dimensions of aeration tank:

length (L) \_\_\_\_\_ m hydraulic depth (Hh.) \_\_\_\_\_ m  
width (B) \_\_\_\_\_ m construction depth (Hc.) \_\_\_\_\_ m

1.2. The number of corridors in the aeration tank ( $N_k$ ) \_\_\_\_\_ pcs.

##### 1.3. Anaerobic or/and anoxic zones in the aeration tank:

☐ yes ☐ no

*In case of allocation of zones without aeration system, it is necessary to attach a drawing, sketch, etc. aeration tank operation diagrams indicating the size of the zones where the aeration system must be installed.*

1.4. The number of aeration tanks ( $N_{at}$ ) \_\_\_\_\_ pcs.

#### 2. Specifications of aeration system

##### 2.1. Air consumption for 1 aeration tank:

Minimum \_\_\_\_\_ m<sup>3</sup>/h Average \_\_\_\_\_ m<sup>3</sup>/h Maximum \_\_\_\_\_ m<sup>3</sup>/h

##### 2.2. Standart oxygen rate (SOR):

Minimum \_\_\_\_\_ kg/h Average \_\_\_\_\_ kg/h Maximum \_\_\_\_\_ kg/h

##### 2.3. Water temperature:

Minimum \_\_\_\_\_ °C Average \_\_\_\_\_ °C Maximum \_\_\_\_\_ °C

#### 3. Another specification

##### 3.1. The order of the installation of the aeration system:

☐ evenly ☐ descending

##### 3.2. Type of implementation:

☐ aeration system with supply blower ☐ energy service contract

Another \_\_\_\_\_

##### 3.3. Replacing only the membrane of the aeratin system:

☐ yes ☐ no

Responsible personal full name \_\_\_\_\_  
(signature)