

# BioCon: Decrease your discharge values

with a flexible and intelligent control system

## Situation

Existing control components of wastewater treatment plants sometimes turn out to be too rigid to be able to react flexibly to occasional discharge peaks. Results are:

- ≡ High discharge values meaning high wastewater fees.
- ≡ High costs for energy and operations.

**Aim:** Optimize the discharge values and reduce operating costs.

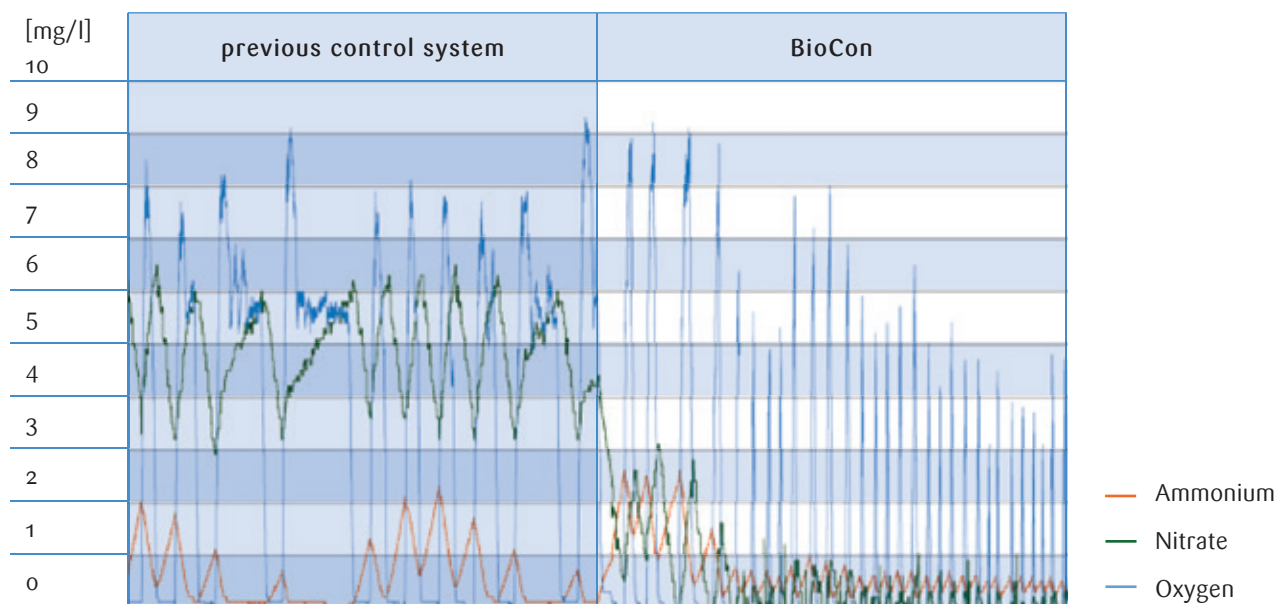
## Solution

In such a situation a targeted control system such as BioCon can help:

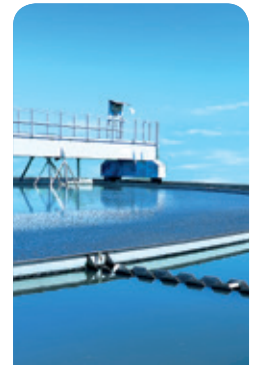
- ≡ It controls the biological cleaning stage according to demand and load.
- ≡ Objectives for the cleaning process can be set up individually e.g. to decrease discharge values, to save energy, to stabilize the sludge further.
- ≡ The aeration module provides an optimized dosage of oxygen.
- ≡ On top of that it avoids investments into expensive new hardware.

## Result

BioCon pushed the activity within the cleaning stage and thus the discharge performance:



- ≡ Significantly lower discharge values after the installation of KLEINE BioCon.



»Only with BioCon we discovered how much potential our plant provides.«