

# Confirmation

## about concurrence to DWA A 262, March 2006 and function guarantee

We confirm, that our constructed wetlands are constructed under the regulations of DWA A 262, from March 2006:

The length of the pipe of distribution appropriate the length of the bottom of the plant sewage system. The introduction of the wastewater into the mainfilter ensues over the whole brightness of the mainfilter.

The choosen kornsizes of the gravel correspond the regulations of DWA A 262, the regulations are fixed componet our dokumenten.

Only washed gravels of the sizes from 16-32 mm, 8-16mm und 2-8 mm are allowed to be used.

Our constructed wetlands are constructed as horizontally filter and have an assessment of 5 m<sup>2</sup> per person, measured on the bottom of the constructed wetland. Subareas over slopes are not included the calculation.

The challenged proof of the intake flow is included the calculation.

The thickness of the mainfilter is about 60 cm

The planting of the mainfilter happens with 3 plants per m<sup>2</sup>

If the constructed wetland is build in order of the construction manual and the service is done by the instruction manual the undisturbed operation of the constructed wetland is guaranteed also the enduring lower deviation of the limts from BSB5 = 40 mg/ltr and CSB = 150 mg/ltr.

We guarantee for our constructed wetland for 5 years

The guarantee is lost, when you don't comply the construction manual and the regulations of the instruction manual or if you use the sewage system in an other purpose as it is made for. It is also lost, when you use different materials to build the constructed wetland as in the manual listed.

Edeweicht, den 11/11/2009

Clemens Dwornitzak  
(Ingenieurbüro Dwornitzak)