

Desludging with the sludge module and composting

In the AQUATO STABI KOM small wastewater treatment plant with sludge module, the excess sludge resulting from biological wastewater treatment is treated further on site and does not have to be disposed of.

The excess sludge that has settled in the sewage treatment plant is pumped into a rotting bag that is suspended in a separate container. The rotting bag acts like a filter. The water runs out of this sack and is fed back into the sewage treatment plant. The drained sludge remains in the rotting bag. The sludge is strongly thickened by the dewatering and rotting processes. The pre-composted sludge is then dried in the rotting bag at regular intervals and then emptied into a composting facility. After about a year of composting, the sludge is completely earthed.



SSB-Anlage with Sludge Module

Example of a system sketch

