

Assets

FLEXIBILITY

The BIO-DENIPHO™ method offers a high degree of flexibility as the duration of the main phases and the intermediate phases can be varied within very wide limits. This operating principle is therefore perfectly suited to cope with fluctuations in pollutant loads, flows and temperature.

SIMPLIFIED MANAGEMENT

The plant is controlled and monitored by a computerised system allowing continuous monitoring and optimisation of the duration of the aeration and anoxic phases and the recirculation flow.

FIABILITY

The BIO-DENITRO™ and BIO-DENIPHO™ processes have been thoroughly tested and implemented in hundreds of treatment plants worldwide. A precise knowledge of the operating parameters stems from this experience. The fact that these can be readjusted at any time always guarantees the required effluent quality.

ECONOMY

This alternating system avoids the recirculation of high flows for denitrification and the need for pumps for this. In connection with optimised aeration control, it provides a considerable energy saving.

ADAPATBILITY

The processes can be used irrespective of climate, plant size, tank configuration and the type of water to be treated. A BIO-DENITRO™ configuration can easily be extended at a later date to BIODENIPHO™.



BIO-DENITRO™
BIO-DENIPHO™
Wastewater

