

WETLAND SYSTEMS

For domestic and industrial waste water treatment population equivalent 10 – 500 inhabitants

Wetlands, the most natural way of waste water treatment:

Wetlands are soil filters, equipped with aquatic plants which create a cohabitation with micro-organisms.

Sets/self-construction:

We offer complete construction sets for wetland systems, applicable for 10 – 500 inhabitants incl. planning and expert advice.

Performance data:

- COD: 90 %
- BOD: 98 %
- Ntotal: 94 %
- path. Org.: 90 %.

Your advantages:

- A natural CO₂-Emission minimised waste water cleaning system
- Low production costs

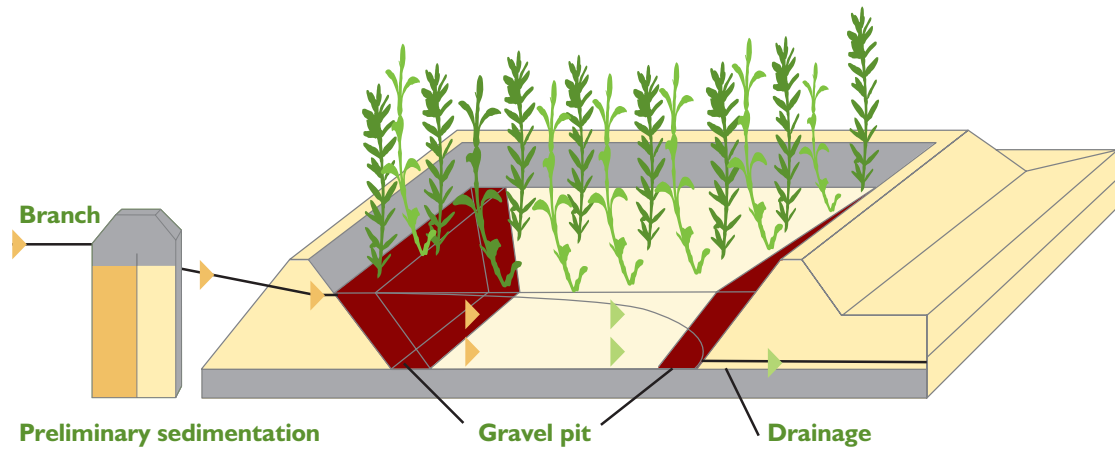
Your responsibility:

- Permissions
- Excavation and installation
- Influent and effluent pipe works
- Operation and maintenance

Elements of wetland system:

- Transport-Container (later usable as plant workshop)
- Cesspool (Sedimenter)
- Foil
- Pipe work and fittings
- Plants
- Construction manual and operation guidelines
- Option: Pump pit, analysis pit, plant and machinery

PRINCIPLE OF WETLANDS



INHABITANTS (-)	DIMENSIONS (m ³ /d)	PRICE (€)
20	1.5	6,800
50	3.5	7,400
100	6.5	11,500
150	10	14,800
300	20	23,900
500	33	36,800

These prices above are for systems applied in herid zones with hydraulic flow rate of 65 l per inhabitant/day. Prices in non-herid zones differ upwards.

For further information or offers please call Caro Biotechnik GmbH, Tel: +49(0) 241 / 9686-20 or contact that company via Email: info@caro-biotechnik.de.

All prices are except VAT and transport.