

## Reverse Osmosis Water Treatment Fish-Aquaculture



### Advantages:

- Reduction of filter capacities through special water management
- Full compliance with the required water quality
- Fully automatic design

**Project:** BIS Bremerhaven  
**Location:** Bremerhaven, Germany  
**Commissioning:** March 2011

### Scope of Supply:

Bremer pro aqua has been contracted with the technical supply of all aggregates for a Well Water Treatment Plant.

Scope of supply consisting of well-pumps, automatic valves, oxidation-stations, filters, pressure boosting station, pressure tanks a reverse osmosis plant.

Two pump shafts alternating feed ground water from approx. 20 m depth. After aeration a partial stream of the water into the other well. Iron- and manganese-components are getting removed from the water. After this treatment the reverse osmosis ensures full compliance with the required water quality.

### Technical Data:

Capacity Well Water Pumps:	30m <sup>3</sup> /h
Operational Pressure RO-Plant:	16bar
Volume Pure Water Storage Tank:	25m <sup>3</sup>

