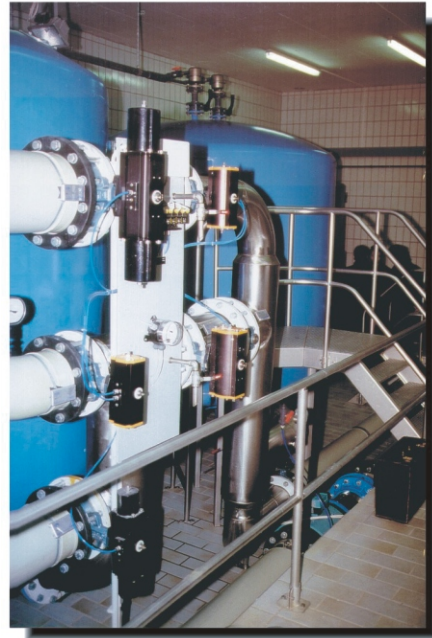


Process description

- most modern treatment for 100-10,000 m³/d
- higher efficiency and lower energy / maintenance costs
- better and simpler operation
- high reliability and better effluent quality
- treatment according to WHO- and EC-standards



Services offered

- selection of types and sizes
- delivery, start up and training
- design of auxiliary facilities
- documents for local approvals
- financing / leasing
- operation and service contracts

Capacities and Types

Depending on raw water quality C-Floc water treatment plants can be equipped with:

- sand removal (SR)
- pre-destabilization (PD)
- hydropneumatic flocculation (HF)
- sedimentation (SE)
- contact flocculation (CF)
- secondary flocculation (SF)
- filtration (FI)
- activated carbon filters (AC)
- disinfection (DI) etc.

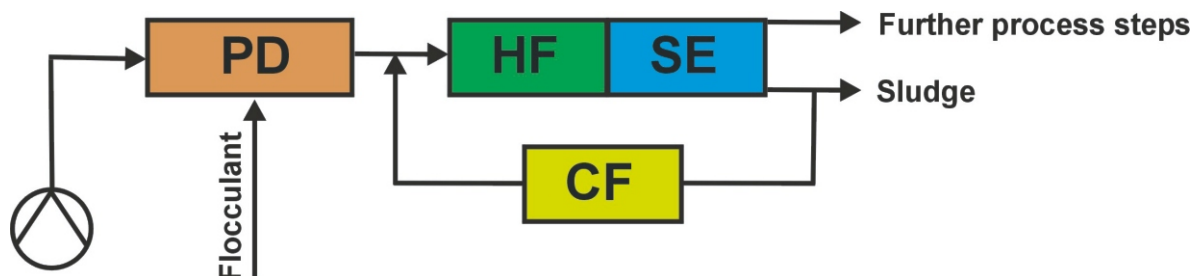
Applications

type of water	raw suspended solids (mg/l)	process steps
groundwater	250	SF, FI, (AC), DI
river bank filtrate	< 100	PD, SE, FI, (AC), DI
surface water	< 1.000	PD, HF, SE, CF, SF, FI, (AC), DI
surface water	< 20.000	SR, PD, HF, SE, CF, SF, FI, (AC), DI

Treatment steps

The treatment steps are allocated around the key process component which is the C-Floc-unit. The C-Floc unit is a flocculation sedimentation technique comprising static mixing of flocculants (PD), hydropneumatic flocculation (HF), sedimentation (SE) and contact flocculation (CF).

Typical schematic drawing:



Questionnaire: Name of project

Type of raw water:

- ground water
- river bank filtrate
- river water
- lake or reservoir
-

Existing facilities:

Please explain if any facilities are already existing:

.....

Production capacity

Daily cleanwater m³/d

Treatment aim:

Operation time per day:

- 24 hrs
- 22 hrs
- hrs

- suspended solids
- hygienic parameters
- taste and odour
- colour
- organics
- others



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