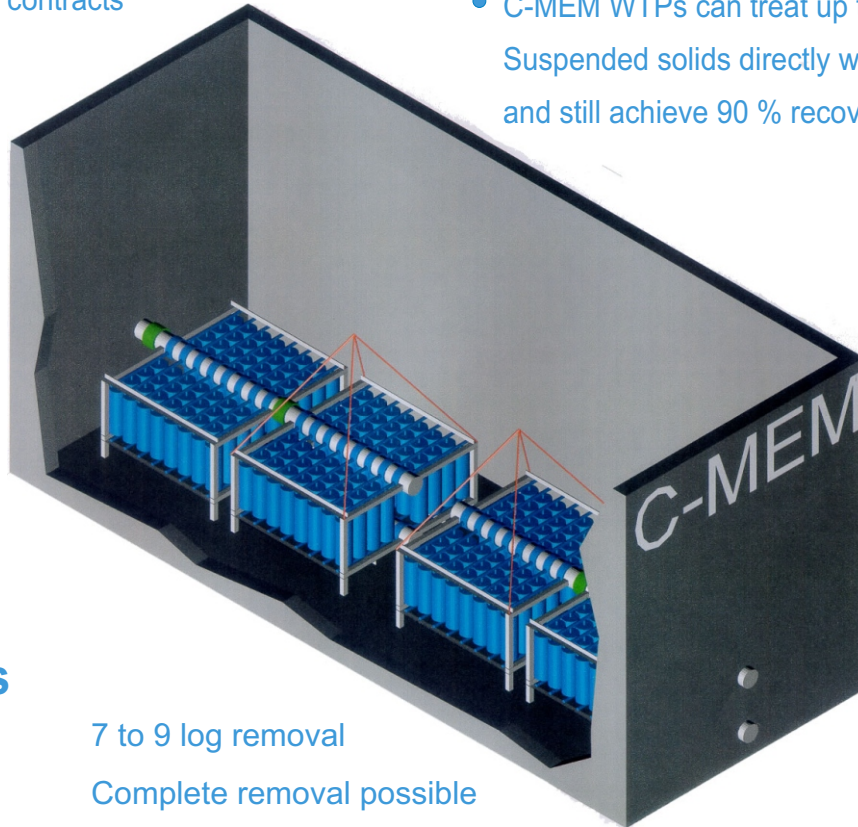


Services

- Selection of types and sizes
- Commissioning, start-up and training
- Designs and recommendations on auxiliary facilities
- Application documents for local approval
- Operation and service contracts
- Leasing
- Financing

Process Features

- C-MEM containerised water treatment plants follow our reliable and well-experienced process technology.
- C-MEM WTPs use our proprietary submerged hollow fibre ultra-filtration technology
- C-MEM WTPs can treat up to 1.000 mg/l Suspended solids directly without chemical additions and still achieve 90 % recovery rate.



Treatment aims

- Bacteria and virus: 7 to 9 log removal
- Suspended solids: Complete removal possible
- Giardia and Cryptosporidia: Save retainment possible
- Fe, Mn, NO₂-N, NH₄-N Can be eliminated by means of natural oxidation and/or chemical augmentation
- Further parameters such as NO₃-N, As and many more can be treated.

Flow rate (m ³ /d)	Tank size (mm)	Operation room Container (mm)	Power consumption (kWh/m ³).
100	3,000 x 2,380 x 2,158	5,890 x 2,340 x 2,280	< 0.45
500	6,000 x 2,380 x 2,158	5,890 x 2,340 x 2,280	< 0.29
1,000	12,000 x 2,380 x 2,158	5,890 x 2,340 x 2,280	< 0.25
4,000	12,000 x 2,840 x 2,158	5,890 x 2,340 x 2,280	< 0.23