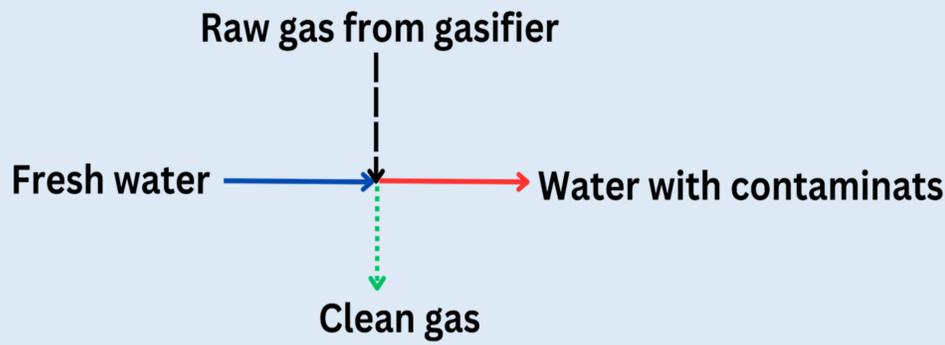


TREATMENT OF SCRUBBER WATER



Treatment methods

Biological

Chemical

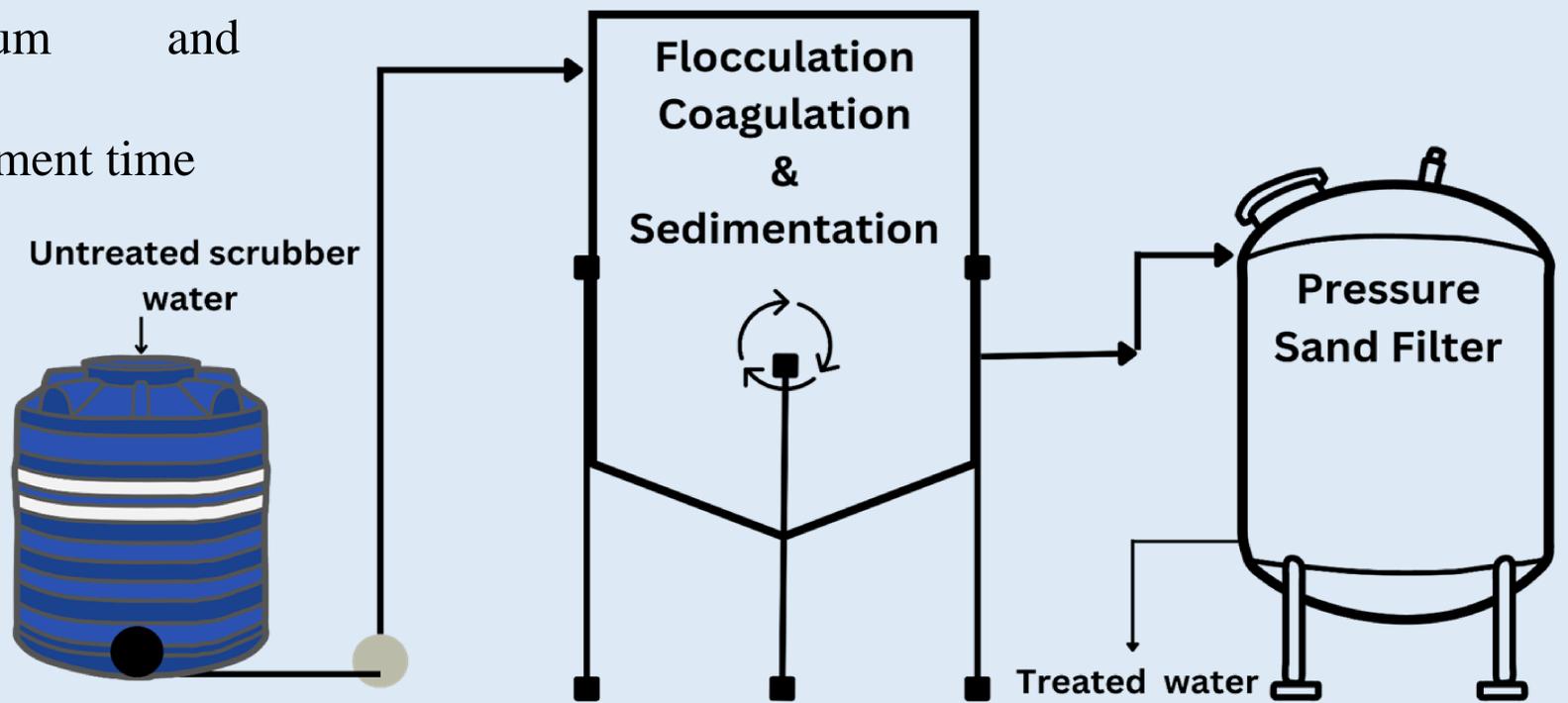
Physical

High chemical oxygen demand; high alkali content; presence of aromatic compounds

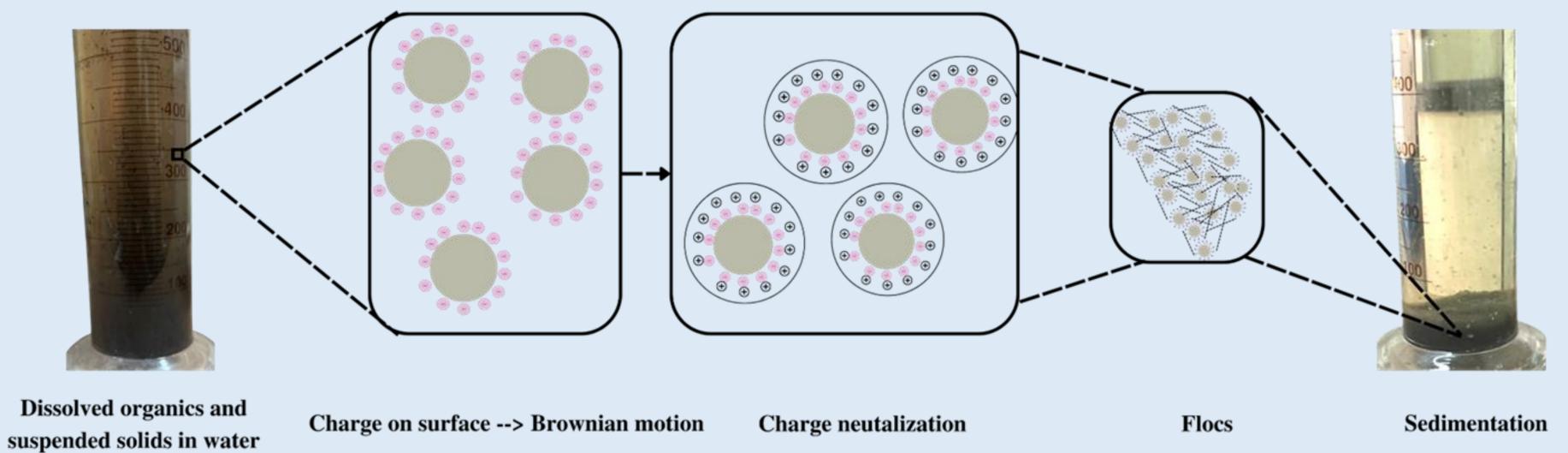
Treatment preference depends on parameters: COD::BOD; alkalinity; aromatics

Technology: Physico-chemical method

- Optimised doses of biochar; alum and polyelectrolytes
- Optimised treatment time



Science



- 90-95 % COD reduction
- 85 % aromatic removal
- pH stable (6.5-8)



- No. of cycles optimised
- Reused for scrubbing
- 80 % of water recycled

