

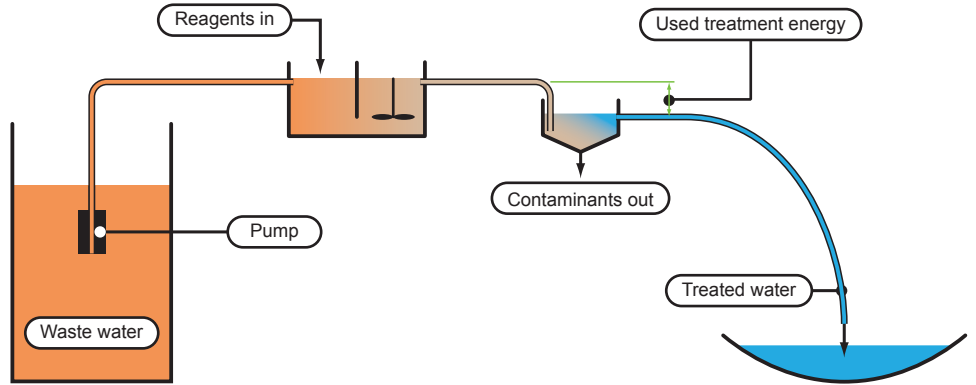
The NeutraSeal

Principle

Conventional Water Treatment Arrangement

Most Expensive

Pumping drives treatment. Energy wasted at discharge.

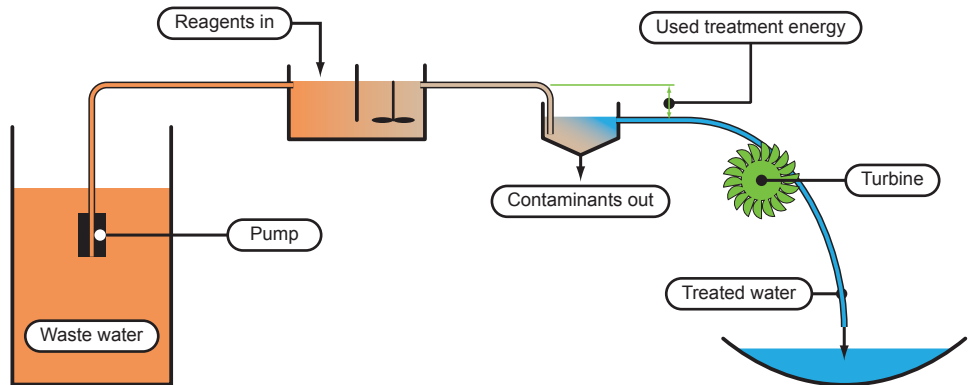


Conventional Water Treatment Arrangement with Energy Recovery

Less Expensive

Pumping drives treatment with some energy recovery. Three areas of inefficiency:

1. Grid energy loses 60% of that generated before use in pumping and mixing.
2. Energy recovery stage is not totally efficient.
3. Energy is lost when re-transmitted and when reused.



NeutraSeal Water Treatment

Most Efficient

Potential energy harnessed as pressure energy, displacing energy inputs.

Process also allows insertion of other water treatment technologies (WT).

