EcoSBR
innovation by EcoTec

Retrofit technology for your STP

Ready for future PCB norms

-Retrofit STP with Reliable Design–Improve Performance-

-Depend on Controls and not on Operators-

-Specialist support for your STP-Remote monitoring to your STP-

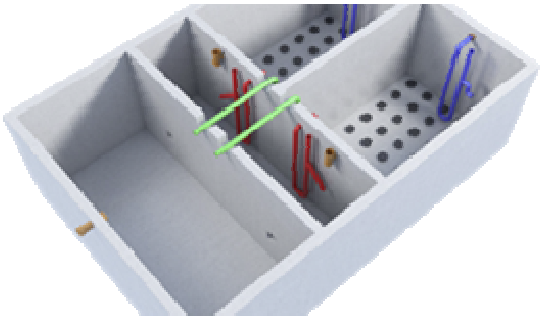
-Innovation from Nature-

Protect the environment - an opportunity to upgrade without complete renovation!

Reduce the need for large investments.

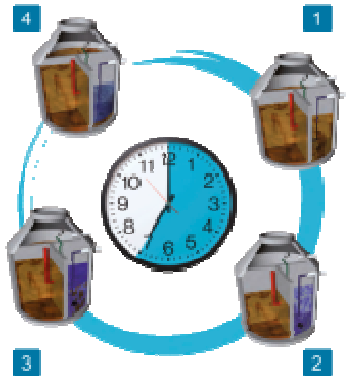
Separation

Small and mid size sewage treatment plants can now be run with operators. Our unique design of collection tanks ensures particle separation even when grease traps and bar screens fail to retain floating and settling substances. The collected particles can be removed once in a few months from the designated portion of the tank using an external agency.



Aeration and flow

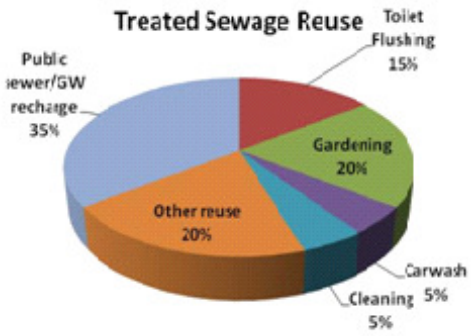
The sewage generated has pollutants that have to be consumed by micro-organisms. We provide perfect environment for natural microbes to feed on the pollutants and produce water that is safe for environment. The operations are controlled by time sequenced controller for repeating same quality of treatment all times.



Clean water for reuse

Reuse of water is for different purposes and the water need not be treated in the same way for different usage. Our design saves a lot of money that is otherwise wasted in unnecessary extra treatment of water without a purpose.

We provide the right treatment for the kind of reuse intended. This saves money, energy and environment.

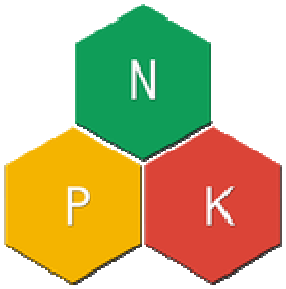


Sewage Treatment Solution- Inspired by nature, driven by intelligence!

Affordable for small communities.

Nutrient Removal

Nutrient removal is impossible in continuously aerated plants, in EcoSBR series of plants nutrient is removed to a very high degree. Thanks to sludge recycling and intermittent aeration process. All our plants can remove nutrients biologically without need for chemicals and additional installations.



Need for High Treatment Performance

When there is a need for high treatment performance in conditions where there are many limiting factors such as space, power fluctuations/ cuts and varying loads it is simply possible to treat the sewage without any excuse. Our special program can accommodate the process in any condition to provide consistent treatment.

Benefits

Each EcoSBR plant is designed with our in depth knowledge and experience in sewage treatment systems and according to the need improve treatment standards in existing sewage treatment plants. EcoSBR follows a flexible design methodology by combining continuous and batch activated sludge process in existing plants. This combination makes it interesting when compared to conventional sewage treatment methods:

Advantages

- Favourable acquisition cost for new and upgradation
- Low maintenance as we avoid using complex electro mechanical equipments
- Very high operational safety
- Low energy consumption
- Simple and robust in construction, thus less headache for buyer
- No use of chemicals
- We avoid usage of too many pumps and mechanical devices

STP too loud?

Operator not reliable?

Outdated STP?

Revised treatment values?

Improved quality requirements?

Trouble with the authorities?

High operating costs?

Recurring expensive repairs?

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