

# SEWAGE TREATMENT PLANT



## About rejuWATER® System

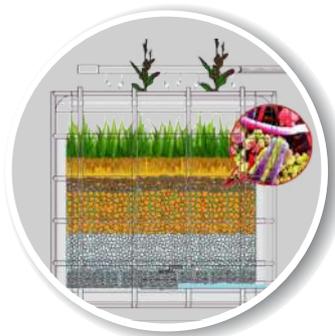
rejuWATER® is an ecosystem where someone's waste becomes other's food. Human waste in water gets bioconverted through microlife cultured in growRITE® STP soil. Bioconversion process breaks down the sewage to feed reed plants planted in the soil. Plants in return use soil nutrients and photosynthesis to feed dissolved oxygen (DO) to soil and water. All the elements in a rejuWATER module function symbiotically without any external power source.



**01**  
OPTION

### BUFFER TANK

Raw sewage usually collects underground. The sewage is pumped to an above tank at a height of 20 feet, which we refer to as the Buffer Tank, in order to make it flow by gravity.



**02**  
OPTION

### REJUWATER MODULE

The sewage is fed to the rejuWATER® modules using gravity percolation from the buffer tank. The module's microflora, plants, and soil layers bioconvert sewage into clean, rejuvenated water.



**03**  
OPTION

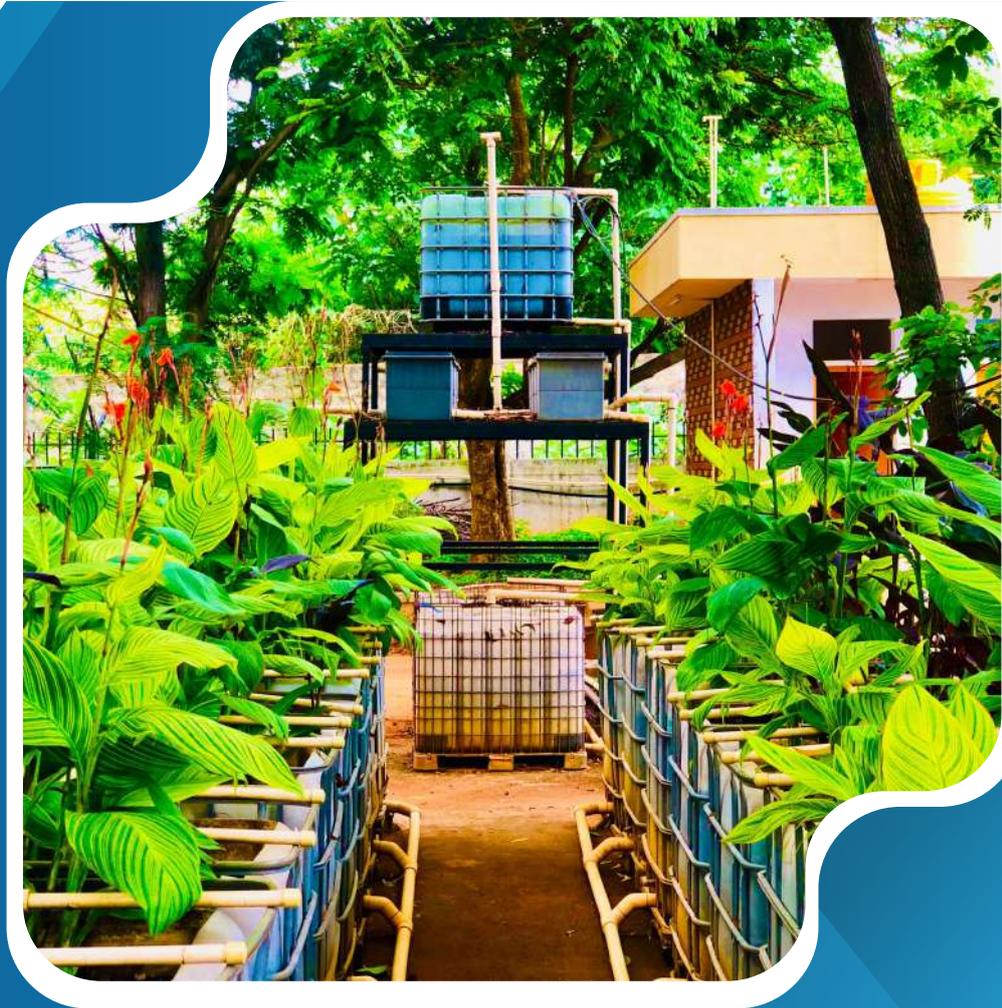
### RECYCLED WATER

The cleaned water can be reused directly in the soil or polished for high-end uses such as flushing or ground recharging by filtration using sand and activated carbon filters.

Modular design allows future expansion, fits anywhere, low civil costs & simple to operate.

Comes prefabricated and built with locally available materials for quick deployment.

No moving parts, no noise & vibration. Almost nil sludge, looks like a garden.



# rejuWATER®

## SUN & SOIL STP

CAPACITY (KLD)	FOOTPRINT (SQ FT)	POWER (kW)	CIVIL WORK (m3)
10	100	0.75	20
20	175	0.75	40
30	240	0.75	60
40	350	0.75	80
50	420	0.75	100
100	840	1.5	200

### ✓ APPLICATIONS

- HOMES & APARTMENTS
- SCHOOLS & COLLEGES
- WORSHIP CENTERS (TEMPLE, CHURCH, MOSQUE, GURUDWARA..)
- HOSTELS & PG'S
- DAIRY, FOOD PROCESSING, AQUACULTURE & FISHING INDUSTRY
- PUBLIC TOILETS

### 👤 CLIENTELE

CISF camp for Bangalore International Airport, National Academy of Customs, Indirect Taxes & Narcotics, Apartments, Schools & Colleges, Commercial Kitchens & Hotels.

### ? WHY THIS STP

Almost nil operating cost. No skilled manpower required and delivers consistent quality that improves over time.

