



Lets Go

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Green Way

Newsletter

www.greenenvironmentindia.com

(An IIT Madras incubated /graduated Environmental Engg company)

Real Time Monitoring - Saving water spend @Residential Apartments

Experience of large apartment complexes in Chennai - Rajparis Harmony and Central Park South testifies that Greenenvironmentindia's Real Time Monitoring (RTM) system help solving the challenges such as rising water cost and adherence to pollution control norms The RTM starts right from the freshwater inlet from municipal supply or tankers where in Total Dissolved solids is detected, and in the plant the quality of the treated water is measured and with the help of an automated disinfection system, Chlorine dosing is regulated.

The RTM system ensures maintaining efficiency of the Sewage Treatment Plants (STPs) by constantly monitoring and analysing all important biological and chemical parameters related to quality of water.

Usage of STP treated water for multiple purposes such as toilet flushing, gardening, cleaning of common areas and in-house car washing help to cut down dependence on fresh water and brings in saving on water cost. At Central Park South, the clean recycled water is also used in recharging ground water aquifers.



Rajparis Harmony Chennai

- RTM helped to reduce operating cost of the STP from Rs 55/KL to Rs 30/KL
- Annual Saving of Rs 40 Lakhs on fresh water cost
- Better quality of treated water, efficiency and lifecycle of the plant
- More reuse of treated water for toilet flushing and gardening



Central Park South Chennai

- The Tamil Nadu Pollution Control Board bestowed the prestigious Green Awards in 2019 for tremendous efforts in Water and Waste Management
- 53% of daily consumption now fulfilled through recycled water
- 30% savings on water spend: Annual savings of Rs 20 Lakhs



Day Zero refers to the day when a place is likely to have no drinking water of its own. In the last decade, 'Day Zero' was declared in two Indian cities – Shimla the most visited hill station in the country and Chennai, the fourth largest metropolitan city.

Shimla

The water supply in Shimla, had run out entirely on 20th May 2018. Residents of the city have been made to wait in queue for hours for their allotment of water. It was the peak of tourist season in the city, which is a summer tourism hotspot. The city has a population of 1.72 lakhs.

Chennai

'Day Zero' was declared in Chennai on 19th June 2019. Chennai city officials were forced to declare "Day Zero", when all the four main reservoirs supplying water to the city had run dry. Chennai is a city of over 11 million



people. Such a water crisis was imminent after three years- in 2016, 2017 and 2018 of deficient monsoon rainfall.

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KARNATAKA

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