

Media Note

SVPIA recycles more than 85,000 Kilo Litres of water, along with many waters conservation initiatives

Ahmedabad, 21 March 2023: This World Water Day, SVPI airport calculated recycling of over 85000-kilo liter water. Sardar Vallabhbhai Patel International Airport is growing with more passengers traveling every day and larger infrastructure opened up for the passengers; at the same time, increased water conservation efforts as part of sustainability are of the highest importance.

City airport, one of the state's largest airports, generates over 258 kiloliters of wastewater daily. The wastewater is treated in a sewage treatment plant set up inside the airport and reused for horticulture purposes, decreasing the demand for freshwater for greenery. The plant, with 500 kilo liters daily treats and handles the domestic sewage generated from airport premises. Annual reuse of the treated wastewater by SVPI airport has reduced freshwater consumption, which can serve 400 households for their potable yearly water requirements.

In addition to treating water for reuse, the airport has been actively increasing water recharge capacity. Over 41 groundwater recharge pits are built at the airport, including some of the pits in stormwater drains built around the runway last year. In addition to recharging rainwater, to reduce water consumption and leakage from taps, 208 sensor-based water taps have been installed in washrooms saving over 30% of fresh water.

Few Facts

- The annual reuse of the treated wastewater by Sardar Vallabhbhai International Airport is equivalent to 2 months of water required to maintain the cricket pitch of Narendra Modi Stadium.
- Annual reuse of the treated wastewater by Sardar Vallabhbhai International Airport has reduced freshwater consumption, which can serve 400 households for their annual potable water requirements.
- Wastewater recycled by Sardar Vallabhbhai International Airport per annum is equivalent to 6 percent of the total volume of Kankaria lake, Ahmedabad.

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