



**THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS),
Sivakasi**

(Affiliated to Madurai Kamaraj University, Reaccredited with "A" Grade by NAAC,
College with Potential for Excellence by UGC & Mentor Institution under UGC PARAMARSH)

NAAC SSR Cycle IV (2015-2020)

7.1 Institutional Values and Social Responsibilities

7.1.3. Waste Management

Liquid Waste Management



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Reverse Osmosis plant

- ❖ Waste water from *Reverse Osmosis plant* is used for flushing toilets/cleaning vehicles/watering plants.



Watering the Plants





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Drip Irrigation

- ❖ Waste water from Hostel is fed into three tanks constructed adjacent to the hostel. The bulk particles sediments in the first tank and the supernated liquid from the first tank enters the second tank and the supernated liquid from the second tank is fed into the third tank charged with Charcoal filters. The filtrate is then used for gardening by Drip Irrigation. The sediments are decanted once in a while and dried separately by dumping in the yard and further used as manure.





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Sullage Treatment Plant

- ❖ Waste water collected from washbasin is treated by using Sullage treatment plant and used for maintaining the Green house.

