

## RWH System - Green Enclave Flat Complex

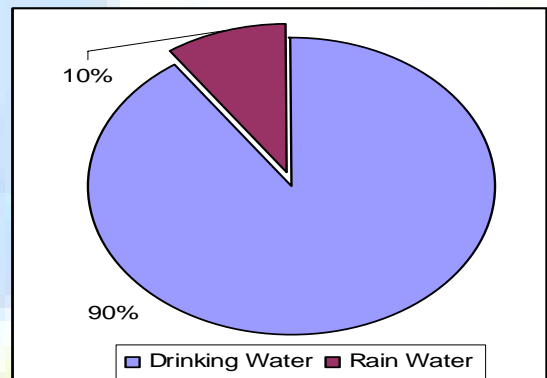


### Project Overview

In Green Enclave Flat Complex, roof run-off is collected through down comers to the lined reservoir through a desisting tank. From this reservoir water is pumped to the over head tank. This tank is completely isolated from potable water tank with a distinguished colour coding. From over head tank, rain water is supplied to the toilet flush tank of each flat. Maintenance of garden lawn & washing of car is dedicated to the rain water line only.

### Salient Features

- Catchments Area 2000 sq.mt
- Capacity of storage pond 2673 cum
- No. of flats 154 no.s
- Population 770 no.s
- Recharge structures 2 no.s
- Filtration Chamber 1 no.s
- Recovery structure 1 no.
- Collection Chamber 60 no.
- Potable water consumption before RWH 160 KL/day
- Potable water consumption after RWH 154 KL/day



## RWH System – Sarnath Pond - A community project



### Project Overview

A rain water harvesting project is dedicated to the society which is deprived of services provided by JUSCO. Mass of the people is dependent on the underground water resources which is drying day by day.

JUSCO under took a rain water harvesting project to overcome this deplorable condition to enrich the water aquifer this way. The society will benefit at large. Run-off from roof & road is captured and supplied to the pond. The slush & soil upto a 2 mt depth is removed from the old pond, so that natural percolation may start

### Salient Features

- Catchments Area 6200 sq.mt
- Capacity of storage pond 3800 cum
- This stored water will enrich the ground water level in its vicinity of 1.5 KM.
- Ground water level will raise approx. 0.50mt every year.
- Fountain is provided for aeration & to stop larva breeding.
- A good greeneries and a children park is also provided.
- Rain Water using for gardening