

10 YEARS

**OF UNIVERSITY
RECOGNITION**

20 YEARS OF
ACADEMIC
EXCELLENCE



REVA
UNIVERSITY

Bengaluru, India



WATER CONSERVATION



WATER CONSERVATION

Facilities at REVA

- Rainwater Harvesting
- Borewell
- Waste Water recycling
- Water bodies in the campus

1. Rainwater Harvesting

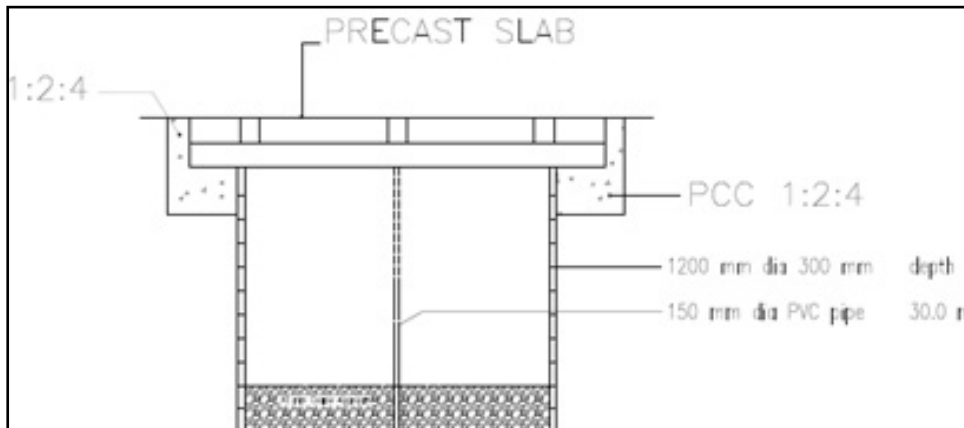
The campus has 139 Rainwater Harvesting pits to store Rainwater.

- Judicious usage of water being encouraged among all stakeholders.
- Main water sourced at REVA are:
 - > Borewell
 - > Water Tankers
 - > Recycled water and
 - > Rain water

2. Borewell

REVA campus has 4 borewells which is used to provide drinking water in addition to water tankers. These borewells are rejuvenised and maintained periodically. The average depth of borewell is about 750 feet. The average water available for borewell is 5500 KL / month. In addition to this,

- Average consumption of water being tracked and monitored.
- Monitoring being done on daily basis.
- Water meters are checked daily and recorded.
- Water storage is being done in water tanks/overheads storage tanks.
- Quality testing of water is being done on regular basis.
- RO Plants are installed in the campus.
- Water filters are provided at various locations of the campus.
- Sprinklers are installed for micro irrigation.
- Irrigation works taken up early morning or late evening.
- 1 STP of capacity 1800 KL and 900 Kg of treated sewage are established.
- Treated water is utilised for horticulture, irrigation and flushing.
- Water efficient flush cisterns are used.
- Dedicated team in place for maintenance and inspection.
- Water tankers is the ultimate source of all fresh water we use

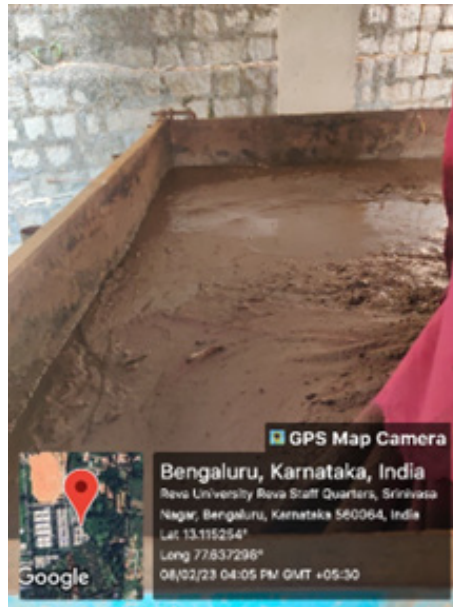


3. Waste Water recycling

- STPs: 1
- Capacity: 1800 KL and 900 Kg of treated sewage (on an average)
- Input: 80% of the total
> (On an average) 21,497 KL
- Output: 18,000 KL treated water

Treated water used for:

- Watering grounds
- Flushing
- In the nursery

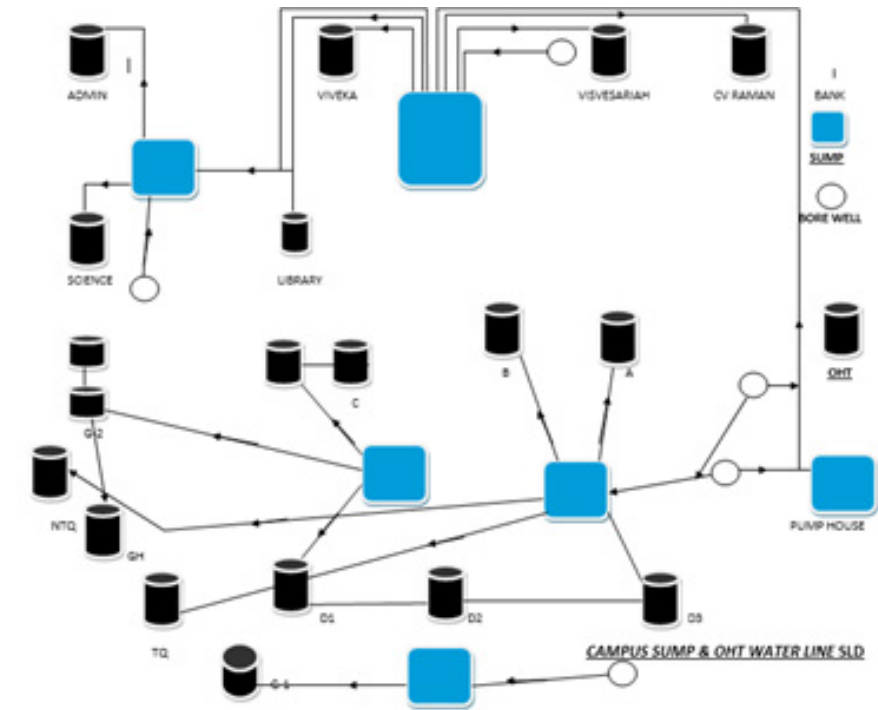


4. Water distribution system

- Planned water collection in the campus.
- Distribution of water and pipes done ergonomically.
- Rainwater capturing system in place.
- Recycling of water to be practiced

Registrar
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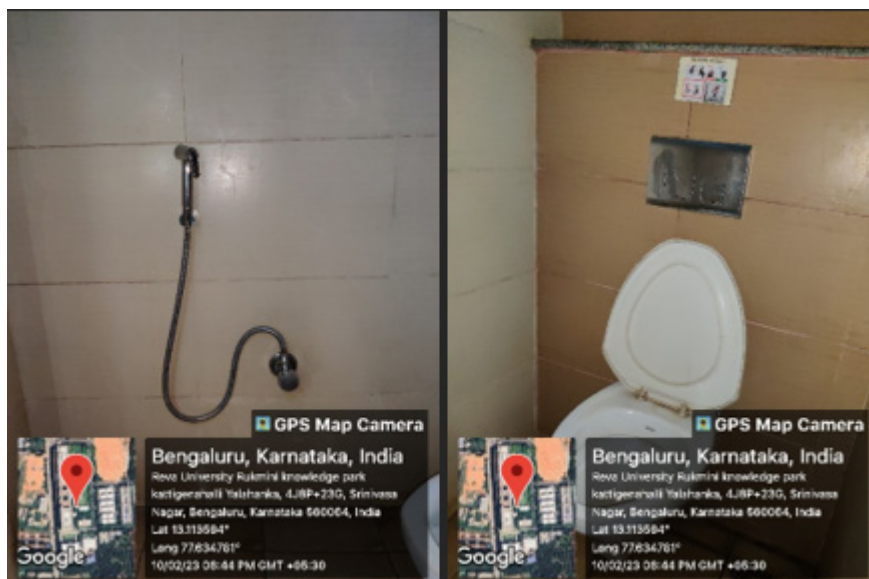
Site plan of water line



5. Other measures for water conservation:

- Plumbing in buildings.
- Recycling of treated water.
- Treated water is also utilized in flushing of the toilets.

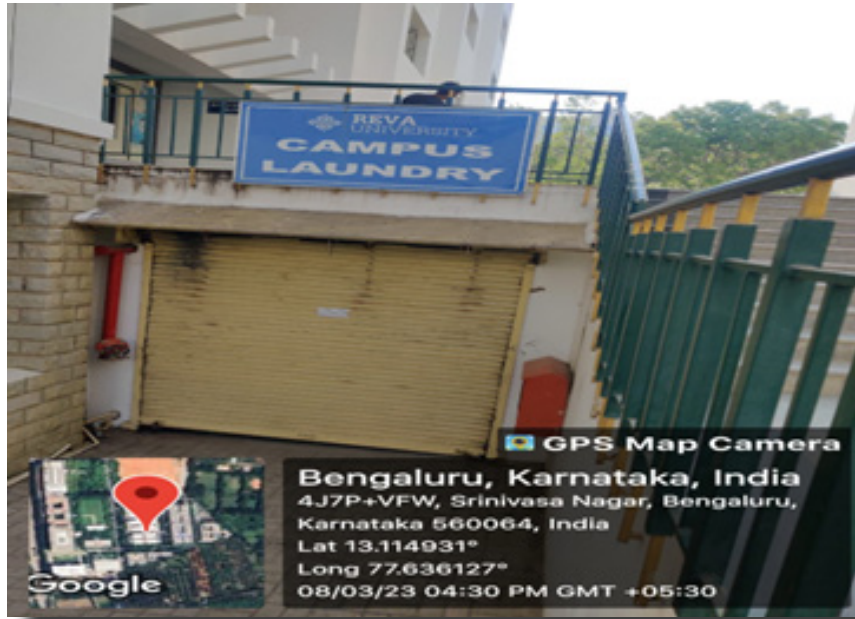
6. Faucets and plumbing





- Faucets in toilets are in flow type used for conservation of water.
- Flow rates - 3/4 “ Pipe is used for providing water to outlets.
 - > Residential: 17Ltr/mnt
 - > Bathrooms: 17Ltr/mnt
 - > Kitchens: 17Ltr/mnt





- Each hostel student is provided a laundry card.
- Students are allowed to get 60 to 70 clothes washed and ironed in laundry per month.
- Twice a week the clothes are washed and ironed.
- Each block has one washing machine for emergencies and washing of inner garments