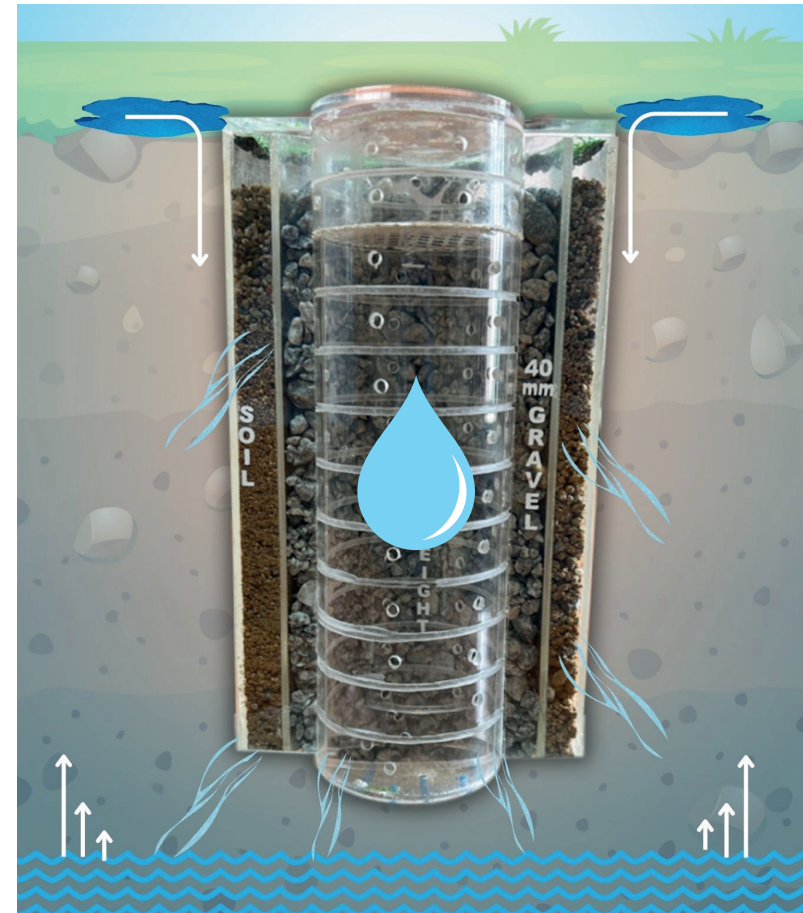
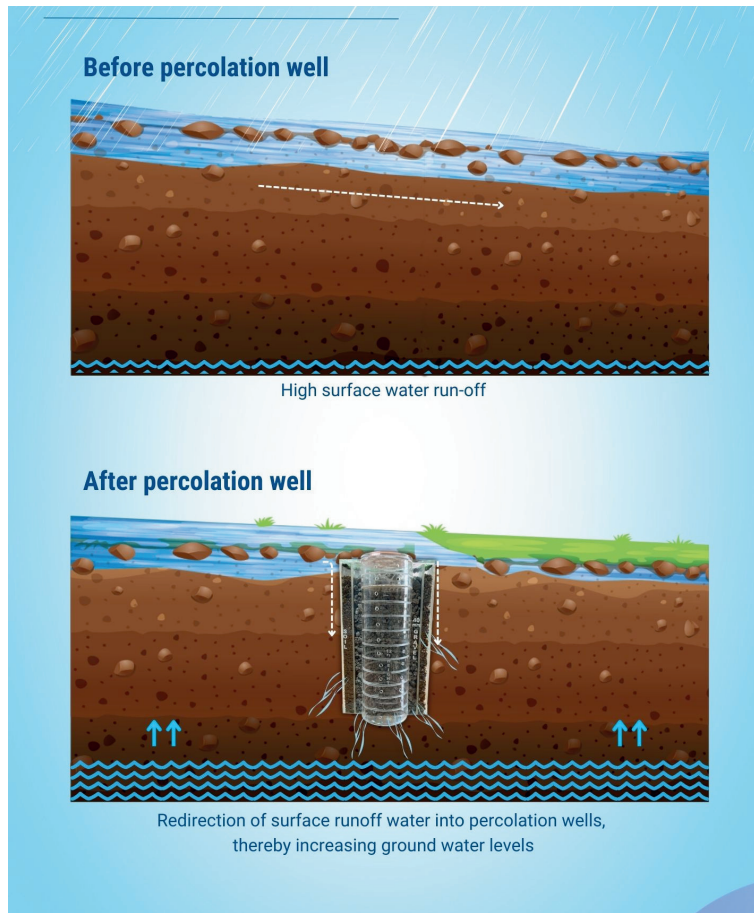




Bengaluru, once renowned as the garden city, faces a critical groundwater crisis. Rainwater is often wasted as it runs off into the sewage system, causing floods in low-lying areas. Our campaign addresses the urgent need to capture and utilize this precious resource to combat the alarming decline in groundwater levels.

To address the issue described above, United Way Bengaluru is driving a campaign called One Billion Drops. The One Billion Drops program aims to build 10,000 percolation wells and thereby conserve 1 billion litres of rainwater every year.



The project aligns with the Jal Jeevan Mission of "**Catch the Rain, Where it falls, When it falls**" under the **National Water Mission**.

Outcome

- Total percolation wells targeted: 10,000
- Percolation wells constructed to date: 4,470
- Storage capacity of one percolation well: 4,270 liters (one-time filling)
- Annual rainfall harvesting potential per well: 128,100 liters

Benefits:

- Environmental Benefits: Increased groundwater levels and enhanced green cover.
- Rainwater Harvesting: Each well can harvest up to 128,100 liters of rainwater annually.
- Reduced Flooding: Decreased rainwater wastage and lower risk of floods in low-lying areas.
- SDGs Contribution: Supports SDG 3, SDG 13, and SDG 17.
- Awareness and Education: Organizes educational visits and volunteering activities.
- Institutional Engagement: Aligns stakeholders for sustainable water conservation.
- Traditional Knowledge: Utilizes traditional well-diggers' skills.
- Art and Aesthetics: Warli art on wells raises water conservation awareness.
- Economic Benefits: Creates livelihood opportunities for traditional well-diggers and marginalized women.

Technical Details

Diameter	4 feet
Height	12 feet
Volume	150.79 cubic feet
1 cubic feet is equal to	28.3168 liters
Volume of a Percolation well	4,270 liters
Total number of Percolation Wells aimed	10,000
Total volume of a well can hold in a year - 30 times fill in a year	1,28,100 liters
Total volume that 10,000 wells can hold in a year	1.28 billion liters

