

Check Dam

CSR support: Bosch

Partner NGO: United Way Bengaluru

Collaboration: Karnataka Forest Dept

Venue: BM Kaval Forest, Bengaluru South

Size: 4.28 m x 400 m x2.1 m

Water storage capacity: 11.5 lakh litres

Current Storage: 11.5 Lakhs ltrs

Impact: Rain water is saved from being washed off into Vrushabhavati sewage canal. It's a drinking water source for wild animals and birds. Enhances and supports vegetation around it leading to sustainable Forest Eco System. Improves ground water.



Before



After



Before



After



Before and After
pics of Water pond

Waterpond, Check dam and Naala Bund

CSR support: UTC

Partner NGO: United Way Bengaluru

Collaboration: Bangalore University

Venue: Bio-park, Bangalore University

Water holding capacity of both the structures: 20 lacs liter when full

Impact: Rain water is saved from being washed off into Vrushabhavati sewage canal. It's a drinking water source for wild animals and birds. Enhances and supports vegetation around it leading to sustainable Forest Eco System. Improves ground water.



Before and After
pics of Check dam



Before and After
pics of Naala Bund

Percolation Pits

CSR support: Bosch

Partner NGO: United Way Bengaluru

Collaboration: Horticulture department Government of Karnataka

Venue: Lalbagh

Size: RWH recharge wells, DIM 1.10 m dia x 4.50 m depth :500 Nos. (out of which 134 Nos. of recharge wells are constructed)

Water recharging capacity: 250 ML per annum
Current recharging capacity: 68.0 ML per annum



Location of Recharge wells



Re-charge wells



Water level monitoring

Impact: The rainwater harvest potential is about 250ML per annum. The value of water conservatively estimated is ₹1.2 crore at current tanker water costs of ₹48/KL. This water would be recharged into ground and add to the water security of Bengaluru. The co-benefits are reduction in TDS, reduced flooding of nearby vicinity and reduction in polluted stream flows in drains