

KSCST - RWH Cell Programmes

Project Highlights

Project Name : Rainwater Harvesting at
Bangalore Metropolitan Transport
Corporation,
KR Puram New Depot, Bangalore

Project designed and proposed by : Rainwater Harvesting Cell,
Karnataka State Council for
Science and Technology,
Indian Institute of Science,
Bangalore.

RWH site address : KR Puram,
Old Madras Road,
Bangalore

Contact Person : The Chief Civil Engineer,
BMTC Engineering Department,
KH Road, Bangalore 560 027.
080 2295 2550, 2295 2571
Mr. Nagaraj, AEE
99456 70183

Annual Rainfall : 1060mm.
Area of the campus (3.27 acres) : 13,233 sq mt.
Potential annual rainwater from the campus : 14,000 kilo liters
Effective roof area : 728 Sq mt.
Potential annual rainwater from the roof : 7, 70,000 lts.

Components of the Project:

- 1. Underground Sump – 50,000 liters.**
- 2. Surface tank - 10,000 liters**
- 3. Silt trap – 3 no.**
- 4. Filter bed – 18 Cft**
- 5. Oil and Grease trap – 90 Cft**
- 6. Inspection chambers – 4 no.**
- 7. Piping and accessories**
- 8. Roof level modifications**

Total cost of the project : Rs.5, 13,000/-