

## 2. Rainwater harvesting on top of Building Structures

### MADRAS CHRISTIAN COLLEGE (AUTONOMOUS)



Catchment Type	Area (sq.m)	Run-off coefficient (RC)	RWH potential (RF x RC x Area)	Number of Structures
Rooftop	8606.24	0.8	8950.50 cu.m	56
Paved areas	240	0.7	218.4 cu.m	2
Unpaved Areas	10298.21	0.2	2677.53 cu.m	8
Total volume to be harvested (approximately)			11846.43 cu.m	
No. of recharge wells proposed				<b>66</b>
66 dia 4' and 5' with depth 10'				
11846.43 x 1000 = 11846430 lits				