

WATER REQUIREMENTS

S.No.	Tower	Total Residential Units	Popultion @ 5 persons per unit	Total Domestic Water req. (135 LPCD)	O.H. Tank (½ Day)
1	NARMADA 001	56	280	37800	18900
2	NARMADA 002	70	350	47250	23625
3	NARMADA 003	84	420	56700	28350
4	NARMADA 004	84	420	56700	28350
5	NARMADA 005	84	420	56700	28350
6	KAVERI 001	180	900	121500	60750
7	KAVERI 002	180	900	121500	60750
8	KAVERI 003	180	900	121500	60750
	Total	918	4590	619650	309825

ADD for Irrigation apx. 4200 sqmts. @ 5 litter/sqmts. 21,000 Ltrs.
For other buildings such as school shops Club etc. 15,000 Ltrs.

Water for Fire fighting: Reserve capacity of O.H. Tank @ 25000 Ltrs per Tower.

RO water requirement @ 10 Ltrs per head i.e. 5 persons per flat in case of provision of centerlized RO water supply.

RO reject if any/use – Not applicable in case there is no certerlized RO supply.

NOTE:-

– Irrigation water can be the same as discharged from STPs and also incase dual pipe system for WCs is used then per person requirement can be taken as 100 Ltrs.