

SALIENT DETAILS

CWSS TO RASIPURAM – EDAPADI AND OTHER RURAL HABITATIONS IN SALEM & NAMAKKAL DISTRICT

1. Scheme Cost : Rs. 3210.50 Lakhs
2. Beneficiaries : Municipality - 1 No
Town Panchayats - 3 Nos
Rural Habitations - 406 Nos
3. Populations : 183512
4. Designed Quantity : 24.78 mld
5. Head works with Source details : River Cauvery at Nedungulam Kattur
in Edappady Union
6. Pumpset (Raw water) : 335 HP
 - a) Type : Turbine
 - b) Duty : 18500 lpm x 62 m Head
 - c) Hours of Pumping : 24 Hours
7. Treatment Plant (With Units
Details)
 - a) Type : Full Scale Treatment
 - b) Capacity : 35.06 mld
 - c) Unit : 1 No
8. Transmission Main : 57120 m
 - a) Pumping main : 37745 m
 - b) Gravity main : 19375 m
9. Booster Station : 5 Nos

i)	Sump with Capacity	:	36 Nos	
	a) Clear water Reservoir	:	15.00 LL	- 1 No
	b) Edappady B.S	:	6.81 LL	- 1 No
	c) Erumaipatty B.S	:	5.00 LL	- 2 Nos
	d) K.K.Manickam B.S	:	4.25 LL	- 1 No
			10.00 LL	- 1 No
	e) Vennandur B.S.	:	2.60 LL	- 1 No
			5.00 LL	- 1 No
	f) Athanur B.S.	:	2.00 LL	- 1 No
	g) Sump for Wayside Habs	:	4.25 LL	- 1 No
		:	4.00 LL	- 1 No
		:	3.50LL	- 1 No
		:	3.00 LL	- 1 No
		:	2.60 LL	- 1 No
		:	2.00 LL	- 5 Nos
		:	1.50 LL	- 3 Nos
		:	1.00 LL	- 6 Nos
		:	0.60 LL	- 5 Nos
		:	0.30 LL	- 3 Nos
ii).	Pumpset Details	:		
	Turbine Pumpset	:	1 No	
	Centrifugal Pumpset	:	16 Nos	
	Submersible Pumpset	:	188 Nos	
10	Feeder Mains	:	225.769 Km	

11. Service Reservoir with capacity	:	514 Nos (Rural Habitations)
a) 1.00 LL Capacity	:	8 Nos
b) 0.60 LL Capacity	:	46 Nos
c) 0.30 LL Capacity	:	313 Nos
d) 0.15 LL Capacity	:	7 Nos
e) 0.10 LL Capacity	:	140 Nos
Total	:	514 Nos

CWSS TO RASIPURM, EDAPPADY OTHER AND WAY SIDE HABITATIONS SALEM AND NAMAKKAL DISTRICTS

FLOW DIAGRAM

