

SALIENT DETAILS

CWSS TO PADUR AND 13 OTHER HABITATIONS IN UTHIRAMERUR UNION OF KANCHEEPURAM DISTRICT

1. Scheme Cost : Rs.46.40 Lakhs
2. Beneficiaries : 16 Habitations
3. Populations : 7800
4. Designed Quantity : 0.14 mld
5. Head works with Source details:

1 No. of Infiltration well of 3.50 m dia to a depth of 10.50m in River Cheyyar near Thirumukkudal Village.
6. Pumpset
Infiltration well
 - i) Type : Submersible Pumpset - 10 HP - 2 Nos.
 - ii) Duty : 300 lpm x 60 Mtr. Head
 - iii) Hours of Pumping : 12 Hrs.
7. Transmission Main :
 - i) Pumping Main :
110 mm OD PVC 4 KSC : 9025 mtr.
 - ii) Branch Pumping Main :
90 mm OD PVC 4 KSC : 403 Mtr.
75 mm OD PVC 4 KSC : 1954 Mtr.
63 mm OD PVC 4 KSC : 6554 Mtr.
50 mm OD PVC 4 KSC : 7396 Mtr.
 - b) Gravity Main : Nil
8. Booster Station : Anambakkam
 - a) Sump with Capacity : 10,000 ltrs. Capacity
 - b) Pumpset Details :

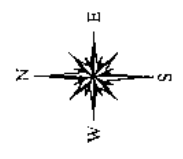
- i. 2 HP submersible x 50 lpm – 40 m – For 2 habitations
- ii. 3 HP submersible x 50 lpm – 40 m – For 6 habitations
- iii. 3 HP submersible x 75 lpm – 40 m – For 3 habitations
3 habitations served directly through pumping main

9. Feeder Mains : Nil

10. Service Reservoirs with Capacity :

S.No.	Name of Panchayat	Habitation	Capacity	Designed Qty. (LLD)
1.	Sirumailur	Sirumilur Village	60,000	0.22
2.		Sirumilur Colony	30,000	0.14
3.		Chithalapakkam	30,000	0.09
4.	Anambakkam	Anambakkam Village	30,000	0.12
5.		Anambakkam palla gramam	30,000	0.10
6.		Anambakkam Colony	30,000	0.10
7.		Nerkundram Village	30,000	0.06
8.		Nerkundram Colony	10,000	0.06
9.		Neerkundram Village & Colony	30,000	0.18
10.	Kattankulam	Kattankulam	30,000	0.05
11.		Kattankulam Colony	30,000	0.06
12.		Padur Villlage	30,000	0.10
13.		Padur Colony	10,000	0.06
14.		Amaravathipattiam	30,000	0.06
		Total		1.40

FLOW DIAGRAM
CWSS TO PADUR & 13 OTHER HABITATIONS



HEAD WORKS AT
 THIRUMUKKUDAL
 1 NO. INFILTRATION WELL
 10 HP PUMP SET
 3000LPMx60M HEAD

