

SALIENT DETAILS

CWSS TO KALIYAMPOONDI AND 16 OTHER HABITATIONS IN UTHIRAMERUR UNION OF KANCHEEPURAM DISTRICT

1. Scheme Cost : Rs.85.00 Lakhs
2. Beneficiaries : 20 Habitations.
3. Populations : 7800
4. Designed Quantity : 0.16 mld
5. Head works with Source details:

2 Nos. of Infiltration Well of 3.5 Mtr. Dia x 11 Mtr. Depth
In River Cheyar near Silambakkam
6. Pumpset

Infiltration well
i) Type : Submersible Pumpset - 5 HP - 2 Nos.
ii) Duty : 300 lpm x 40 Mtr. Head
iii) Hours of Pumping : 12 Hrs.

Pump House
H.W. to Booster Sump
i) Type : Submersible Pumpset - 10 HP - 1 No.
ii) Duty : 400 lpm x 40 Mtr. Head
iii) Hours of Pumping : 12 Hrs.

Azhisoor & 4 other habitations
i) Type : Submersible Pumpset - 5 HP - 1 No.
ii) Duty : 200 lpm x 40 Mtr. Head
iii) Hours of Pumping : 12 Hrs.
7. Transmission Main :

i) Pumping Main :
110 mm OD PVC 4 KSC : 7220 mtr.

ii) Branch Pumping Main :
63 mm OD PVC 4 KSC : 23275 Mtr.
50 mm OD PVC 6 KSC : 5855 Mtr.

b) Gravity Main : Nil

8. Booster Station : Ravuthuanallur
- a) Sump with Capacity : 15,000 ltrs. Capacity
- b) Pumpset Details :
 Kaliyampoondi & New Colony : 5 HP Submersible x 150 lpm x 40 Mtr. - 1 No.
 Ammayappanallur : 5 HP Submersible x 150 lpm x 40 Mtr. - 1 No.
 Thandarai & 3 other hab. : 7.5 HP Submersible x 300 lpm x 40 Mtr. - 1 No.
 Vayalur & 4 other hab. : 5 HP Submersible x 150 lpm x 40 Mtr. - 1 No.
9. Feeder Mains : Nil
10. Service Reservoirs with Capacity :

S.No.	Name of Panchayat	Habitation	Capacity	Designed Qty. (LLD)
1.	Azhisoor	Azhisoor	600000	0.10
2.		Azhisoor colony	30000	0.12
3.	Thinayampoondi	Nemilipattu	30000	0.08
4.		Murukkeri	30000	0.07
5.	Kaliyampoondi	Kaliyampoondi	10000	0.18
6.		Palaya Kaliyampoondi	30000	0.08
7.		Kalaiyampoondi New colony	30000	0.08
8.	Ammayappanallur	Ammayappanallur	30000	0.16
9.	Karanai	Noonampoondi	30000	0.09
10.		Narikuravar colony	10000	0.08
11.		Vayalur village	60000	0.02
12.		Vayalur colony	60000	0.02
13.		Nadupattu	30000	0.22
14.		Mettupalayam	30000	0.08
15.	Ravathanallur	Palaya Arunthathiyarpalayam	10000	0.03
16.	Thandarai	Thandarai	60000	0.17
17.		Thandarai Colony	10000	0.04
		Total		1.62

FLOW DIAGRAM

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