

## **SALIENT DETAILS**

### **CWSS TO PUDUPALAYAM AND 7 OTHER HABITATIONS IN THOTTIYAM UNION - TRICHI DISTRICT**

1	Scheme Cost	Rs. 84.35 Lakhs.
2	Beneficiaries	Habitations - 8 Nos
3	Population	1910
4	Designed quantity	0.11 mld
5	Hours of Pumping	12
6	Head Works at Seeplapur	
	Infiltration Well - 1 No.	Cauvery River
	Diameter	3.50 m
	Depth	6.00 m
	Yield	1200 lpm.
	Pumpset:	
	Infiltration	7.5 HP Sub 255 lpm x 46 m - (1+1)
	Well	
	Pump room	1.50m x 1.50m

7 Pumping main:

150 mm CI D/F Pipe	120 m
140mm. OD PVC 4 KSC Pipe -	5195 m
110mm. OD PVC 4 KSC Pipe -	4272 m
125 mm GI Pipe -	121 m
100mm GI Pipe -	11 m
Total	9719 m

8 Booster Station at Murungai

Booster sump and pump room

Sump capacity	:	25,000 Lit.
Diameter	:	4.00m
Storage depth	:	3.00m.
Pumproom	:	5.0m x 7.0m.
Pumpset:		5 HP Cen.P'set 150 lpm x 50 m (1 + 1)
		3 HP Cen.P'set 50 lpm x 35 m (1 + 1)

9 i) Booster Main - I:

90mm. OD PVC 4 KSC Pipe - 630 m

75mm. OD PVC 4 KSC Pipe - 6 m

63mm. OD PVC 4 KSC Pipe - 3204 m

Total 3840 m

ii) Booster Main - II:

63mm. OD PVC 4 KSC Pipe - 2575 m

10 Service Reservoir 30000 L - 3 Nos

10000 L - 5 Nos

**CWSS TO T.PUDUPALAYAM AND 7 OTHER HABITATION IN THOTIYAM UNION**

**FLOW DIAGRAM**

