

## **SALIENT DETAILS**

### **CWSS TO S.KANNANUR AND 5 OTHER HABITATIONS IN**

#### **MANACHANALLUR UNION - TRICHY DISTRICT**

1	Scheme Cost	Rs.372 Lakhs.
2	Beneficiaries	Town Panchayat - 1 No, Habitations - 5 Nos
3	Population	20637
4	Design Quantity	3.48 mld
5	Hours of Pumping	16
6	Head Works	
	Source	Kollidam River
	Infiltration Well	2 Nos.Dia 4.50m, Depth 10m.
	Sump capacity 1.75 lakh litres	1 No.
	Pump House	1 No. (6 m x 9.0 m)
	Pumpsets:	15 HP Submersible - 2+ 2 Nos.
	Infiltration Well	1560 lpm x26m head
		25 HP Centrifugal pump set - 1 + 1
		3230 lpm x21m head
7	Connecting Main	200 mm CI D/F pipe 485 m
8	Booster Station - I	
	Sump capacity - 2.00 LL	9 m dia depth 10 m
	at santhaipeetai	
	Pump House	6 x4 m
	Pumpsets:	7.5 HP - 2+ 2 Nos Centrifugal Pump set
		1200 lpm x 19,5 m head

840 lpm x 17 m head

1. 5 HP - 2 Nos Centrifugal pumpset

180 lpm x 17 m head

9 Pumping Main

350 mm PSC 6 KSC pipe 6945 m

10 Branch Pumping Main

110 mm PVC 4 KSC pipes 2265 m

90 mm PVC 4 KSC Pipe 30 m

63 mm PVC 4 KSC Pipe 935 m

200 mm AC CL 10 pipe 185 m

100 mm G.I. Pipe 15 m

Total 3430 m

11 Service Reservoirs:

Total -- 8 Nos.

**CWSS TO S KANNANUR AND 5 OTHER HABITATIONS @ SUMP COME PUMP ROOM**



## CWSS TO S.KANNANUR AND OTHER HABITATIONS FLOW DIAGRAM

