

## **SALIENT DETAILS**

### **CWSS TO AMOOR AND 57 OTHER HABITATIONS**

1	Scheme Cost	Rs.656 Lakhs.
2	Beneficiaries	Habitations - 57 Nos
3	Population	45794
4	Design Quantity	1.98 mld
5	Hours of Pumping	16 Hours
6	Head Works	
	Source	
	Infiltration Well	2 Nos.Dia 4.50m, Depth 6.00m. 1 No.Dia 7.20m, Depth 3.0m.
	Sump capacity 1.0 LL litres	1 No.Dia 7.20m, Depth 3.0m.
	Pump House	1 No. (11.0 m x 7.0 m)
	Pumpsets:	Infiltration Well  10 HP Submersible - 2 Nos. (1+1) 1600 lpm x 11 m head.
	Sump at Amoor	40 HP Cent - 2 Nos. (1+1) 2813 lpm x 43 m head. 5 HP Cent - 2 Nos. (1+1) 355 lpm x 53 m head.
	Connecting Main	200 mm CI LA Class pipe - 246 m. 200 mm CI LA Class pipe - 343 m.
7 i)	BOOSTER STATION 1	KOMANGALAM
	Sump capacity 60000 litres	1 No.Dia 5.60m, Depth 3.0m.
	Pump House	1 No. (7.0 m x 4.0 m)
	Pumpsets:	10 HP Cent - 2 Nos. (1+1) 429 lpm x 35 m head. 7.5 HP Cent - 2 Nos. (1+1) 355 lpm x 48 m head.
ii)	BOOSTER STATION 1I	THIRUTHIYAMALAI
	Sump capacity 100000 litres	1 No.Dia 7.20m, Depth 3.0m.
	Pump House	1 No. (11.0 m x 7.0 m)
	Pumpsets:	40 HP Cent - 2 Nos. (1+1)

	1543 lpm x 60 m head.	
	5 HP Cent - 2 Nos. (1+1)	
	229 lpm x 33 m head.	
iii) BOOSTER STATION 1II	SANTHANAPATTY	
Sump capacity 30000 litres	1 No. Dia 5.60m, Depth 3.0m.	
Pump House	1 No. (5.0 m x 4.0 m)	
Pumpsets:	5 HP Cent - 2 Nos. (1+1)	
	342 lpm x 27 m head.	
BOOSTER STATION 1V	MEENACHIPURAM	
Sump capacity 60000 litres	1 No. Dia 5.60m, Depth 3.0m.	
Pump House	1 No. (7.0 m x 4.0 m)	
Pumpsets:	5 HP Cent - 2 Nos. (1+1)	
	277 lpm x 32 m head.	
	3 HP Cent - 2 Nos. (1+1)	
	420 lpm x 18 m head.	
8 Pumping Main	350 mm P.S.C. 10Ksc Pipes	12302.97 m
9 i) BOOSTER MAIN I		
	300 mm OD AC CL15 Pipes	4802 m
	250 mm OD AC CL15 Pipes	2396 m
	200 mm OD AC CL15 Pipes	1495 m
	150 mm OD AC CL15 Pipes	3140 m
	TOTAL	12103 m
ii) BOOSTER MAIN II		
	140 mm OD PVC 4 KSC Pipes	900 m
	110 mm OD PVC 4 KSC Pipes	2070 m
	90 mm OD PVC 4 KSC Pipes	1050 m
	75 mm OD PVC 4 KSC Pipes	2100 m
	TOTAL	6120 m
iii) BOOSTER MAIN III		
	110 mm OD PVC 4 KSC Pipes	2100 m
	90 mm OD PVC 4 KSC Pipes	1650 m
	63 mm OD PVC 4 KSC Pipes	570 m
	TOTAL	4320 m

10 Branch Main

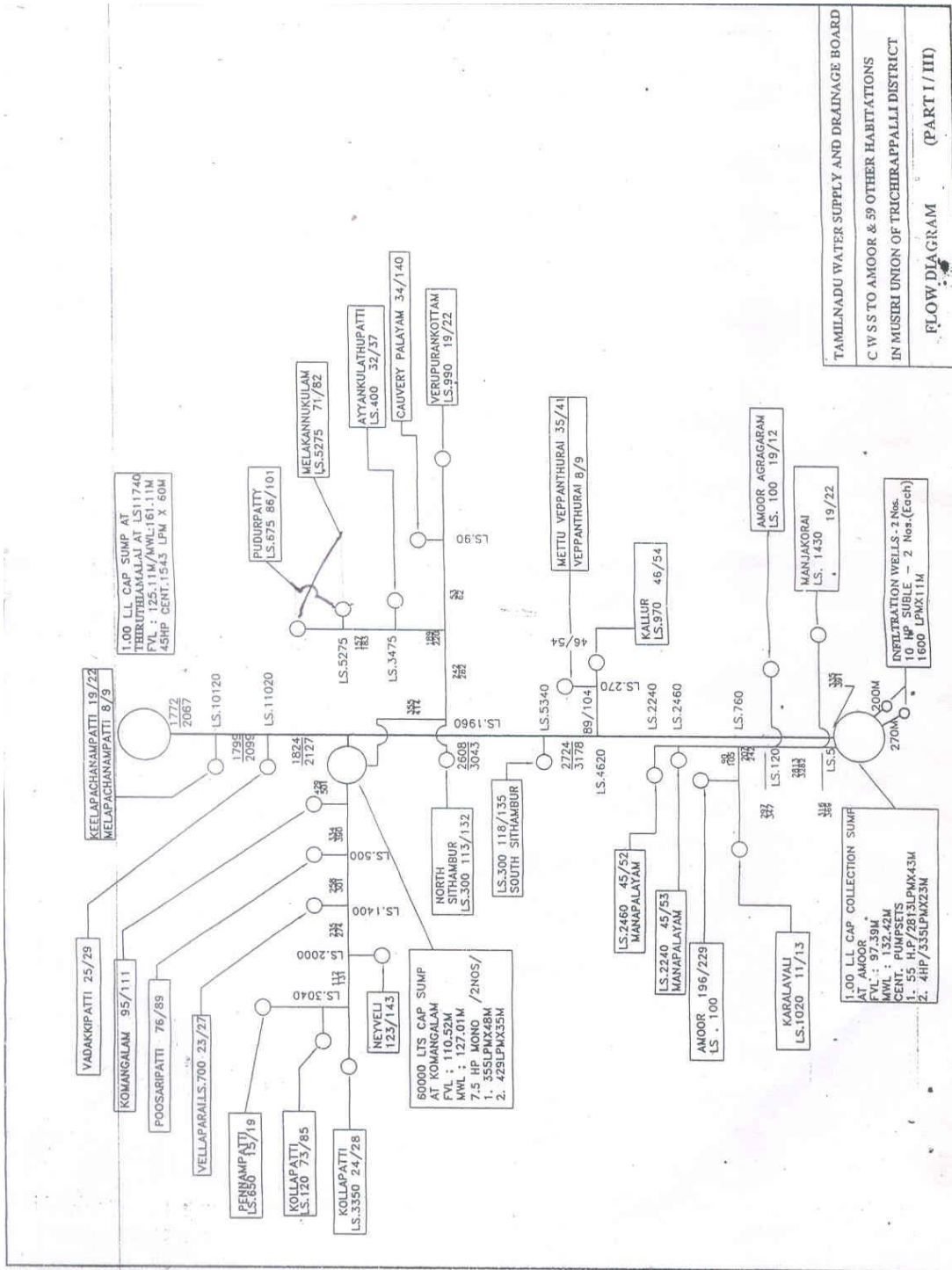
140 mm OD PVC 4 KSC Pipes	5284 m
110 mm OD PVC 4 KSC Pipes	13112 m
90mm. OD PVC 4 KSC Pipes	4296 m
75mm. OD PVC 4 KSC Pipes	3046 m
63mm. OD PVC 4 KSC Pipes	27393 m
TOTAL	53131 m

11 Service Reservoirs:

Total -- 69 Nos. (New --32, Exis -- 37)

**CWSS to Amoor and 57 other Habitations in Trichy District**  
**Infiltration Wells in River Cauvery at Amoor**





TAMILNADU WATER SUPPLY AND DRAINAGE BOARD  
 C W S S TO AMOOR & 59 OTHER HABITATIONS  
 IN MUSIRI UNION OF TRICHRAPPALLI DISTRICT  
 FLOW DIAGRAM (PART I / III)