

C.W.S.S TO 100 HABITATIONS IN THANTHONI UNION

1. Installation cost	:	Rs. 624.90 Lakhs
2. Beneficiaries	:	Habitations - 100 Nos.
3. Population	:	30217
4. Designed Quantity	:	1.09mld
5. Headworks		
Source	:	Cauvery River Infiltration well – 1 No.
Pumpset	:	
a Type	:	Submersible
b Duty	:	1080 lpm x 64m
6. Pumping Hours	:	20 Hrs at Headworks and Booster Sump 12 Hrs at Group sumps
7. Pumping Main	:	225mm PVC 6 KSC, 4 KSC & CI – 23.449 km
8. Booster		
		At Emourpudur
Sump	:	1.00 LL
Pumpset	:	Submersible pumpset 831 lpm x 44m, 80 lpm x 11m, & 100 lpm x25m
9. Booster main	:	200mm PVC to 50mm PVC = 161.564 km
10. Group sumps	:	0.10LL - 2 Nos. 0.30 LL – 4 Nos. 2.00LL - 1 No. 2.50LL - 1 No.
11. Service Reservoirs	:	0.10LL - 50 Nos. 0.15LL – 3 Nos. 0.30LL - 39 Nos. 0.60LL - 2 Nos. 1000 Lit MPP – 5 Nos.

CWSS to 100 Habitations in 9 Panchayats of Thathoni Union in Karur District

FLOW DIAGRAM

