

## SALIENT DETAILS

### C.W.S.S to Auto nagar and 46 other habitations in Mohanu union and Namakkal union

1. Scheme cost : Rs.315.00 lakhs
2. Beneficiaries : Habitations – 46 Nos
3. Populations : 21109
4. Designed quantity : 1.37 mld
5. Head works with source : River Cauvery at Kumaraplayam  
details  
Infiltration well 4.50m dia-7m depth  
Collection well 6m dia-7m depth
6. pumpset :  
a)Type : Sumersible  
Turbine  
Turbine  
b)Duty : 725 lpm x 17m-5HP-2nos (1+1 standby)  
1012 lpm x 53m-20HP-2nos (1+1 standby)  
660 lpm x 52m-15HP-2nos (1+1 standby)  
c)Hours of pumping : 14 hours
7. Treatment Plant(with units details) : Does not arise
8. Transmission main :  
a)Pumping main : 21611m  
b)Gravity main : ..

9. Booster station :
- a) Sump with capacity : b) Pumpset details
- Bharathi nagar – 0.30 LL : [Submer-254 lpm x 40m 5HP-2nos \(1+1 standby\)](#)
- S.Valavanthi – 0.30 LL : [Submer-254 lpm x 40m 5HP-2nos \(1+1 standby\)](#)
- K.Pudupalayam – 0.35LL : [Centri-464 lpm x 63m 20HP-2nos \(1+1 standby\)](#)  
[Submer-350 lpmx40m-5HP-2nos\(1+1 standby\)](#)  
[Submer-200 lpm x 25m 3HP-2nos \(1+1 standby\)](#)
- Nadu Tholur – 0.10 LL : [Submer-100 lpm x 40m 3HP-2nos \(1+1 standby\)](#)
- M.Rasampalayam -0.15 LL : [Submer-50 lpm x 25m 3HP-2nos \(1+1 standby\)](#)
10. Feeder mains : 56435m
11. Service Reservoirs with capacity : 30,000 lit – 22 nos.  
10,000 lit - 18 nos.  
5,000 – 1no.

**CWSS TO AUTO NAGAR AND 46 OTHER RURAL HABITATIONS IN MOHANUR & NAMAKKAL UNIONS IN NAMAKKAL DISTRICT - FLOW DIAGRAM**

