

SALIENT DETAILS

CWSS to Sankari and other way side Rural Habitations in Sankari Union of Salem District.

1. Scheme Cost : Rs.1310 Lakhs
2. Beneficiaries : Town Panchayats – 1 No
Rural Habitations – 249 Nos
3. Populations : 137007
4. Designed Quantity : 8.44 mld
5. Head works with Source details : River Cauvery at Pullagoundampatty in Sankari Union
6. Pumpset (Raw water)
 - a) Type : Vertical Turbine
 - b) Duty : 8598 lpm x 19 m Head
 - c) Hours of Pumping : 23 Hours
7. Treatment Plant (With Units Details)
 - a) Type : Full Scale Treatment
 - b) Capacity : 18.00 mld
 - c) Unit : 1 No
8. Transmission Main :
 - a) Pumping main : 15370 m
 - b) Gravity main : 6530 m
9. Booster Station :
 - a. Clear water : 8.00 LL
 - b. BS -I at Selliamman Kovil : 3.00 LL

- c. BS - II at Vaikunthampalayam : 4.25 LL
- d. BS - III at J.J.Nagar : 6.00 LL
- e. Pump set Details :
 - i. Turbine Pump set : 8 Nos (4 Nos Standbye)
 - ii. Centrifugal pumpset : 6 Nos (3 Nos Standbye)
 - iii. Submersible pumpset : 66 Nos (33 Nos Standbye)

10 Feeder Mains : 328 Km

11 No.of Group sumps with Capacity

- 1. Palarasampalayam : 4.00 LL
- 2. Ettikuttaimedu : 3.00 LL
- 3. Ramakoodal : 1.00 LL
- 4. Mettu valasu : 0.60 LL
- 5. Thottipalayam : 0.60 LL
- 6. Palamedu : 1.00 LL
- 7. K.Mettur : 0.60 LL
- 8. Mettukadu : 1.00 LL
- 9. Sathiyannagar : 0.30 LL
- 10. Chinnaparapampallam : 0.30 LL

12. Service Reservoir with capacity :

- a) 2.00 LL Capacity : 2 Nos
- b) 1.50 LL Capacity : 2 Nos
- c) 1.00 LL Capacity : 1 No
- d) 0.60 LL Capacity : 29 Nos
- e) 0.30 LL Capacity : 97 Nos
- f) 0.15 LL Capacity : 11 Nos
- g) 0.10 LL Capacity : 80 Nos
- Total : 222 Nos

CWSS to Sankari UTP and other Way side Habitations in Sankari Union of Salem District

FLOW DIAGRAM

