

SALIENT DETAILS

CWSS TO VETTAVALAM AND VAIPUR HABITATIONS IN KEELPENNATHUR UNION OF THIRUVANNAMLAI DISTRICT

1. Scheme Cost : Rs.240.00 Lakhs
2. Beneficiaries : Vettavalam RTP and Vaipur
3. Population : 19732
4. Total Daily Requirements : 0.72 mld

5. Head works with source details : Infiltration well in River Thenpennaiyar near Arakandanallore – Villupuram District. Dia 3.50m Depth 3.00m Yield -1000 lpm
Pump Room – 1 No.
6. Pumpset : 20. HP Submersible – 840 lpm x 70 m
-2 Nos.
 - a. Hours of Pumping : 16 Hours
7. Transmission Main : 200mm CI 'A' Class – 4710m
 - a. Pumping main : 200mm AC CI 15 - 4230 m
Total 8940m
8. Booster Station : Veerapandi
 - a. Sump with capacity : 1.00 LL
 - b. Pumpset details : 25 HP Centrifugal – 840 lpm x 67m
: 15 HP Centrifugal HSC – 410 lpm x 60m
 - c. Booster main : 200mm CI A Class – 300m
: 200mm CI LA Class -1500m
: 200mm AC CL 15 – 2700m
: Total - 7200m
9. Feeder main : 90mm OD PVC – 750 m.
10. Service Reservoirs with capacity : Vaipur 1.00 LL 1 No.
Vettavalam RTP 3.00 LL 2 Nos.

