

SALIENT DETAILS

CWSS TO Puthagaram and 20 other habitations in Kottur union of Thiruvarur district.

1	Scheme Cost	Rs.99.34 Lakhs
2	Beneficiaries	21 Habitations
3	Populations	11882
4	Designed Quantity	0.43 mld
5	Head works with Source details	Vedaranyam CWSS proposed for tapping from 11.00LL capacity sump at Edaiyur sanganthi
6	Pumpset	Edaiyur sanganthi
a)	Type	sub.pumpset -2 Nos. 375lpm X 36 M (1 Standbye,1 working)10 HP Nochiyur Samathuvapuram submersible pumpset - 4 Nos. 300lpm X 22M) (1 -standbye and 1 working)

- b) Duty 96 lpmX36m(1 standby, 1 working)-
7.5 HP
- c) Hours of Pumping 20 Hrs from Edaiyur sanganghi to
Nochiyur
12 Hrs from Nochiyur to Service
Reservoirs
- 7 Treatment Plant _____
- 8 Transmission Main _____
- a) Pumping Main 140mm KSC PVC pipe - 12350 M
- b) Gravity Main ----
- 9 Booster Station
- a) Sump with capacity (1)Head work 11.00ll cap.sump at Edaiyur
Sanganthi (existing)
(2)Nochiyur samathuvapuram sump - 2.00
LL capacity
- 10 Feeder Main Branch pumping main.I and II 110mm
PVC - 1044 m.
90mm PVC - 4562 m
75mm PVC - 2224 m
63mm PVC - 3435 m
50mm PVC - 13505 m

11	No of Group sump . with capacity	2 Nos. (1)11.00LL sump at Edaiyur sanganthi under VCWSS 2) 2.00LL sump at Nochiyur Samathuvapuram
12	Service Reservoirs with capacity	20 Nos. 100000 Lit 1 No 60000 Lit 1 No 30000 Lit 7 Nos 15000 Lit 1 No 10000 Lit 10 Nos ----- Total 20 Nos -----

PUTHAGARAM CWSS TO 22 OTHER HABITATIONS IN KOTTUR UNION FLOW DIAGRAM

