

SALIENT DETAILS

C.W.S.S. TO PNPATTY AND VEERAKKALPUDUR TOWN PANCHAYATS IN SALEM DISTRICT

- 1 Scheme Cost : Rs.50.04 Lakhs
- 2 Beneficiaries : 1.PN Patty Town Panchayat
: 2.Veerakkalpudur Town Panchayat
- 3 Populations : 51451
- 4 Designed Quantity : 4.15 mld
- 5 Head works with Source details : Collection well cum Pump House-River
Cauvery
- 6 Pumpset
 - a Type : Vertical Turbine
 - b Duty : 35.00 HP,4100lpmx29m
 - c Hours of Pumping : 23 Hours
- 7 Treatment Plant : Capacity: 8 mld
Aerator:1 No(Circular Tray -4 Nos)
Flash mixer:1 No
Clariflocculator:1 No
Filter House-20mx12m
No of Filter Beds:6 Nos
Size of each bed:4mx4m
Office:5mx5m
Wash water tank:1.50 LL
Clear Water Sump:3.50 LL
Clear Water Pump House:15mx8m
- 8 Transmission Main :
 - a Pumping main : 300 – 150 mm AC – CI – 20336 m
 - b Gravity main : Nil
- 9 Booster station
 - i Thangapuripattinam
 - a Sump with capacity : 1.50 LL

- b Pumpset details : To PN Patty :20 HP HSC Pumpset-2
Nos(1200lpmx43m).
To Veerakkalpudur:30 HP HSC Pumpset-2
Nos(2200lpmx42m)
To Komburankadu Sump:7.50HP OW
Submersible pumpset-2 Nos(300lpmx57m)
- ii Raman Nagar
 - a Sump with capacity : 1.00 LL
 - b Pumpset details : To Veerakkalpudur:30 HP HSC Pumpset-2
Nos(1170lpmx64m)
- iii Komburankadu
 - a Sump with capacity : 0.30LL
 - b Pumpset details : To Karikalan thittu SR:5.00HP OW
Submersible pumpset-2 Nos(183lpmx60m)
- 10 Feeder Mains:
 - a.Thangamapuripattinam sump to PN patty
 - : 200 to 90mm AC,PVC Pipe-4110m
 - b.Thangamapuripattinam to Komburan kadu
140-50 mm PVC ,GI Pipe - -7735 m
- 11 Service Reservoirs with capacity
 - i .PN Patty Town Panchayat:
 - a.5.00LL - 1 No
 - b.2.00LL - 1 No
 - c.1.00LL - 1No
 - d.0.60LL - 2 Nos
 - e.0.50LL - 4 Nos
 - f.0.30LL - 6 Nos
 - g.0.10LL - 2 Nos
 - ii. Veerakkalpudur Town Panchayat:
 - a.4.00 LL - 2 Nos
 - b.2.00LL - 1 No
 - c.Sump-1.00LL - 2 Nos
 - d. 0.60LL - 1 No
 - e.0.30LL - 4 Nos
 - f. 0.10LL - 1 No

CWSS TO P.N.PATTY AND VEERKKAL PUDUR IN SALEM DISTRICT FLOW DIAGRAM

