

SALIENT DETAILS

C.W.S.S. TO ADUTHURAI, THIRUVIDAIMARUDUR, THIRUBUVANAM UTPs, 2 RTPs AND FOUR ENROUTE VILLAGE PANCHAYATS

- 1 Scheme Cost : Rs. 553.20 Lakhs
- 2 Beneficiaries : Town Panchayat – 5 Nos
Habitations - 28 Nos
- 3 Populations : 129107
- 4 Designed Quantity : 3.5 mld
- 5 Head works with Source details : Coleroon river at Maharajapuram village
4.50m - dia Infiltration wells - 3 Nos
- 6 Pumpset :
- a Type : 1. Horizontal Split casing - 1No
with 100 % stand by
2. Open well submersible pump set - 3
Nos with 100%
stand by
3. Vaccum pump 5 HP - 2
Nos
- b Duty : 1. 6047 LPM x 27M Head - 50 HP
2. 2016 LPM x 17M Head - 12.50HP

- c Hours of Pumping : 16 hours
- 7 Treatment Plant : Nil
(with Units Details)
- 8 Transmission Main :
- a Pumping main : 1. 400mm dia 6 KSC PSC pipe - 5400m
2. 400mm dia 4 KSC PSC pipe - 3670m
Total 9070m
- b Gravity main : Nil

- 9 Booster station : Veppathur
- a Sump with capacity : Capacity of Sump 4,00,000 Litres.
- b Pumpset details :
- a Aduthurai Town panchayat : Horizontal Split Casing centrifugal - 1 No.
with 100% Standby
Duty 1721 LPM x 55 m - 40 HP
- b Thiruvaidaimaruthur Town panchayat : Centrifugal Monoblock Pump set - 1 No.
with 100% Standby
Duty 1167 LPM x 29 m Head - 10 HP

- c Thirubuvanam Town panchayat : Horizontal Split Casing centrifugal Pump set - 1 No. with 100% Standby
Duty 1386 LPM x32 m Head - 20 HP
- d Veppathur Town panchayat : Centrifugal Pumpset - 1No.
With 100% Standby
Duty 623 LPM x 22 M Head - 5.00HP
- 10 Feeder Mains: :
- a Aduthurai Town panchayat : 200mm ODPVC 6 KSC Pipe : 4659M
200mm ODPVC 4 KSC Pipe : 2266M
Total 6925M
- b Thiruidaimaruthur Town panchayat : 200mm ODPVC 4KSC Pipe: 3439M
- c Thirubuvanam Town panchayat : 200mm ODPVC 4SC Pipe: 2855M
- 10 No of Group sump with capacity : 3 Nos
1) Cholapuram - 1.00 Lakh Litre
2) Anaikudi - 60,000 litre
3) Thirumangalakudi - 1.00Lakh Litre
- 11 Service Reservoirs with capacity : 1) 5.00Lakhs litre Capacity - 1No
2) 4.00 Lakhs litre Capacity - 2 Nos
3) 2.50 Lakhs litre Capacity - 2 Nos
4) 1.00 Lakhs litre Capacity - 1 No

- 5) 60,000 litre Capacity - 4 Nos
- 6) 50,000 litre Capacity - 1 No
- 7) 30,000 litre Capacity - 12 Nos
- 8) 10,000 litre Capacity - 5 Nos

CWSS TO ADUTHURAI, THIRUVIDAIMARUTHUR, THIRUBUVANAM UTPs, VEPPATHUR, CHOLAPURAM RTPs & 4 VILLAGE PANCHAYAT IN THANJAVUR DISTRICT FLOW DIAGRAM



