

SALIENT DETAILS

CWSS TO SENDAMANGALAM 64 way side habitations in Tirunelveli District

1	Scheme Cost	Rs. 1288 Lakhs
2	Beneficiaries	: Habitations 71 Nos
3	Populations	59657
4	Designed Quantity	3.02 mld
5	Pumpset	
a	Type	: 7.5Hp sub. pumpset 1097 lpm x 17m – 2 Nos
b	Duty	: 50HP cent. pumpset 2194 lpm x 74m – 2 Nos
a	Hours of Pumping	: 23 hours
6	Treatment Plant	-
7	Transmission Main	
a	Pumping main	Transmission Main - 62840 m
b	Gravity main	-
8	Booster station	1 Kandapatty
a	Sump with capacity	60000 liters
b	Pumpset details	1 no -60 HP cent.- 2194 lpm x 74 m with 1 no. standby
		2 Uthumalai
		60000 liters
		1 no -40 HP cent.- 1268 lpm x 69 m with 1 no. standby
		3 Soorangudi
		30000 liters
		1 no -15 HP cent.- 685 lpm x 48 m with 1 no. standby
		4 Veerasigamani
		15000 liters
		1 no -5 HP cent.- 500 lpm x 20 m with 1 no. standby
9	Feeder Mains:	Branch Pumping main - 121625 m
10	No of Group sump with capacity	1 Kalathimadam - 15000 li.

- 2 Navaneetha krishnapuram - 5000 lit.
- 3 Karuvanthe - 10000 lit.
- 4 Senthatti - 5000 lit.
- 11 Service Reservoirs with capacity
- 5000 lit. - 3 nos.
- 10000 lit -18 nos
- 30000 lit -24 nos
- 60000 lit -7 nos
- 100000 lit -4 nos

CWSS TO SENTHAMANGALAM AND 64 HABITATIONS

FLOW DIAGRAM

