

CWSS to 133 Coastal habitation in Sirkali and Sembanarkoil Union with bulk provision to Tharangampady

1	Project cost:	Rs. 1925 Lakhs.
2	Beneficiaries	Town Panchayat - 1 No. Habitations - 133Nos
3	Population	138956
5	Designed Quantity:	7.41 mld
6	Hours of Pumping	20 Hours
7	Source	Sub surface water from River Coleroon
8)	Head Works	3.50m dia. Infiltration well - 6 Nos.
a)	pumpset	Submersible Pumpset 1320 Lpm X 18 M - 6 Nos. (100% Standbye)
b)	Collection sump	1,15,000 litres capacity 90 H.P Turbine pumpset -2nos (1no stand bye)
c)	pumpset	Duty : 5578 lpm x 23m Head. Duty : 7917 Lpm X 33m Head.
9	Transmission Main	
a	Pumping main	450 mm PSC - 19.0 km
b	Gravity main	1) 450 & 400 PSC - 18.62 km 2) 480 & 350 PSC - 6.90 km
10	Booster station	2 Nos
a	Sump with capacity	1) Edakudy Vadapathy- 25.0 LL cap. 2)Mamakudi - 3.0 LL Cap
b	Pumpset details	i) 75 HP HSC P'sets 7917 lpm X 27 m ii) 25 HP HSC P'set 4901 lpm X 24 m
11	Feeder Mains:	300 mm AC to 50 mm PVC- 141.38 Km

