

SALIENT DETAILS

C.W.S.S. TO KURICHI, KUNIAMUTHUR AND KINATHUKADAVU

1	Scheme Cost	:	Rs. 3547.00 lakhs
2	Beneficiaries	:	Kurichi and Kuniyamuthur Municipalities and Kinathukadavu Town Panchayat
3	Populations	:	159778
4	Designed Qty.	:	8.04 mld
5	Head works with Source details	:	River Aliyar near Athu Pollachi
6	Pumpset		
a	Type		Vertical Turbine
b	Duty		4167 lpm x 28 m
c	Hours of Pumping		29.00 Hrs.
7	Treatment Plant (with Units Details)		
		1	Aerator - 1 No. - 5.40
		2	Transformer - 2 Nos.
		3	Stilling chamber - 5.00 x 4.00 x 1.75 m
		4	Measuring channel - 1 No. - 10 m x 0.60 x0.65 m
		5	Flash mixer - 1 No. - 2.00 m dia x 3.80 m
		6	Dividing clanter- 1 No. - 2.00 m dia x 3.80 m depth
		7	Clarifloculator - 1 No.

- 3) Booster station at Kinathukadavu
 - a) 7.00 LL sump
 - b) 30 HP - HSC (2+1) - 1999 lpm x 41 m (for Kurichi)
 - c) 40 HP - HSC (1+1) - 3133 lpm x 38 m (for Kuniyamuthur)
 - d) 10 HP - Submersible (1+1) - 143 lpm x 91 m (for Pillaiyappuram)
- 4) Booster station at Thirunagar Colony
 - a) 1.00 LL sump
 - b) 12.5 HP (Submersible) 1+1 - 76lpm x 48 m
- b Pump set details -do-
- 10 Feeder Mains: 29.31 km
- 11 Service Reservoirs with capacity
 - i) 4.00 LL - 1 No. ii) 3.00 LL - 3 Nos. III) 2.00 LL - 4 Nos. iv) 1.00 LL - 3 Nos. v) 0.60 LL - 1 No. vi) 6.00 GLSR - 2 Nos. vii) 0.30 LL - 1 No. Total - 15 Nos.

CWSS TO KURICHI - KUNIAMUTHUR MUNICIPALITY AND KINATHUKADAVU TP IN COIMBATORE DISTRICT.

FLOW DIAGRAM

