

CWSS to Manmangalam and 34 other habitations in Karur Union

1. Installation cost	:	Rs.128.52 Lakhs
2. Beneficiaries	:	Habitations- 35 Nos.
3. Population	:	20056
4. Designed Quantity	:	0.62mld
5. Headworks		
Source	:	Cauvery River Infiltration well
Pumpset	:	30 HP submersible - 919 lpm x 73 m = 2 Nos (One No. Stand by) 25 HP submersible - 813 lpm x 65m = 2 Nos (One No. Stand by)
6. Pumping Hours	:	16 Hours

7. Booster

At Valliappampalayam

Sump	:	30000 Lit.
Pumpset	:	Open well Submersible with one No. standby 1) 7.50 HP – 350 lpm x 60 m - 2 Nos. (to Mangacholipalayam) 2) 6.00 HP – 300 lpm x 60 m - 2Nos. (to Arugampalayam) 3) 5.00 HP – 300 lpm x 50 m - 2Nos. (to Varapalayam)

At Mangacholipalayam

Sump	:	20000 Lit.
Pumpset	:	1) 2.00 HP – 75 lpm x 50 m – 2 Nos. (to Peruchipalayam) 2) 2.00 HP – 75 lpm x 50 m – 2 Nos. (to Thannasi Goundan Pudur)

3) 2.00 HP – 150 lpm x 60 m- 2 Nos.
(to Nochipalayam)

8. Pumping main	:	150mm CI Pipe	:	80m
		150mm AC CI 10 Pipe	:	1410m
		150 mm AC CI. 15 Pipe	:	600m
		160 mm PVC Pipe	:	3090m
		150 mm AC CI 10 Pipe	:	1740 m
		140mm PVC Pipe	:	6695 m
		90 mm PVC Pipe	:	6340m
Branch main I	:	90 mm PVC Pipe	:	2615m
		63 mm PVC Pipe	:	4629m
Branch main II	:	63mm PVC Pipe	:	4963m
Branch main III	:	75 mm PVC Pipe	:	1890 m

9. Service Reservoirs	:	1,00,000 Lit	-	1 No.
		60,000 Lit	-	1 No.
		30,000 Lit	-	2 Nos.
		10,000 Lit	-	1 No.
	:	5,000 Lit(GLSR)	-	67 Nos.
		9,000 Lit (GLSR)	-	2 Nos.
		2000 Lit (Sintex)	-	2 Nos.
		1000 Lit (Sintex)	-	6 Nos.

