

CWSS TO K.PARAMATHY AND OTHER HABITATIONS SALIENT DETAILS

1. Installation cost	:	Rs.236 Lakhs
2. Beneficiaries	:	Habitations- 32 Nos.
3. Population	:	9813
4. Designed Quantity	:	0.43mld
5. Headworks		
Source	:	Cauvery River Infiltration well
Pumpset	:	20 HP submersible - 611 lpm x 63 m = 2 Nos (One No. Stand by)
6. Pumping Hours	:	12 Hours
7.Pumping Main	:	From Head works to Booster Station.I 150 mm CI LA CI pipe - 71 m 150 mm CI pipe - 67 m 150 mm AC CI 10 pipe - 7155m

8. Booster

At Kuppam

Sump	:	2,00,000 Lit.
Pumpset	:	centrifugal pumpsets 1) 10 HP – 474 lpm x 53 m - 2 Nos. (one No. standby) 2) 3 HP – 150 lpm x 35 m - 2Nos. (one No. standby) 3) 2 HP – 100 lpm x 25 m - 1No.

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.

CWSS TO K.PARAMATHY & 12 OTHER FLOURIDE AND ENROUTE HABITATIONS IN K.PARAMATHY UNION

FLOW DIAGRAM

