

**CWSS TO 44 HABITATIONS IN THIRUKAMPULIYUR AND SIX OTHER PANCHAYATS
IN KRISHNARAYAPURAM UNION OF KARUR DISTRICT**

SALIENT DETAILS.

1	Administrative sanction	B.P. M.S.No.8 dt.20.01.09 for Rs. 410.0 Lakhs		
2	Technical sanction	CE/WR/CBE No. 68/2008-09/Dt.10.02.09 for Rs. 436/- Lakhs.		
3	Total No. of Habitations	Thirukampuliyur Panchayat	: 8 Habitations	
		Sithalavai Panchayat	: 8 Habitations	
		Manavasi Panchayat	: 5 Habitations	
		Sengal Panchayat	: 9 Habitations	
		Muthurengampatti Panchayat	: 5 Habitations	
		Balarajapuram Panchayat	: 5 Habitations	
		Renganathapuram Panchayat	: 4 Habitations	
4	Population	2010 (Pre) 22383	2025 (Inter) 24625	2040 (Ult) 26859
5	Percapita supply	30 LPCD		
6	Requirement	0.74 Mld	0.84 Mld	0.94 Mld
7	Rate of pumping	806 LPM	896 LPM	992 LPM
8	Hours of pumping	16 Hours for Intermediate sumps 12 Hours for Group sumps		
9	Head works: a. Source : b. Pumpset c. Connecting Main e. Pump house f. Pumpset at Head Works to Therkutheru SR (6 habns)	1No. of infiltration 4.50 m Dia x 10 m Depth in River Cauvery near Thirukampuliyur 25 HP OW Submersible - 2Nos.(1 + 1 stand by) 700 lpm x 80 m 100mm CI D/F Pipe – 580 m 4 m x 3 m 5 HP OW Submersible - 2Nos.(1 + 1 stand by) 200 lpm x 50 m (serving 6 habns.)		

10	SUMP		
	Location	Capacity	No. of habitations served
	Malaipatti	2,00,000	6
	Nathamedu	25,000	5
	Anna nagar	20,000	7
	Manickapuram Br. Road	25,000	15
	Pambaramuthampatti	10,000	5
11	Pumpset in the sump @		
	Malaipatti	to Nathamedu sump 12.50 HP OW Submersible - 600 LPM x 50 M	
		to Manickapuram sump 10.00 HP OW Submersible - 350 LPM x 75 M	
	Nathamedu	to Anna nagar SR 3 HP OW Submersible - 243 LPM x 11 M	
	Anna nagar	to Vadugapatti SR 5 HP OW Submersible - 243 LPM x 38 M	
	Manickapuram Br. Road	to Sakkampatti SR 2 HP OW Submersible - 161 LPM x 12 M	
		to Devichagoundanur SR 3 HP OW Submersible - 135 LPM x 18 M	
	Pambaramuthampatti	to Seethakattanur SR 3 HP OW Submersible - 81 LPM x 28 M	
12	Pumping main	68,166 m	
13	Booster main / Branch main / Feeder main	36,895 m	

14	Service Reservoir	10000 Lits. capacity – 1 No.
15	Per capita cost	Present : Rs.1832/-
16	Cost per 1000 Litres.	Rs.16.72 (Intermediate)
17	Annual Maintenance cost	Rs.9.32 Lakhs

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SCHEMATIC DIAGRAM

