

CWSS TO 46 HABITATIONS IN THIRUVERAMBUR UNION IN TRICHY DISTRICT.

1. Administrative approval : B.P.Ms.No 86/TWAD/PDC Wing /Dt 25.08.2008
2. Technical Sanction : CE/ER/TNJ/29/2008-2009 dt 29.08.2008
3. Project cost
Cost of Installation : 508.00 Lakhs
Annual Maintenance Cost : Lakhs
4. Date of Commencement of work : 5.01.2009
- 5 Date of Completion of work : 30.06.2010

BENEFICIARIES

Panchayat

Papakurichi

Ellakudi

Kumbakudi

Asoor

Suriyur

Kanthalur

Alathur

Keelakalkondarkottai

Habitations

1. Athikudi
2. Geethapuram
3. Pugal nagar
4. Cauvery Nagar
5. Ganesh nagar Extension
6. Rajappanagar
7. Win Nagar
8. Balaji Nagar Extn
9. Prakash Nagar Extn
10. Amman Nagar
11. Sriram nagar
12. Gokul nagar
13. Priyankanagar
14. L.I.C.Nagar
15. Santhosh Nagar
16. MGR Nagar
17. Kumbakudi
18. Mettu theru
19. Kumbakudi H Street
20. Velayuthamkudi
21. Poosari Street
22. Asoor H street
23. Asoor
24. Poigaikudi
25. Poigaikudi H
26. Pattaveli
27. Chinnasuriyur North
28. Chinnasuriyur South
29. Veerampatty
30. Elanthampatty
31. Kanthalur
32. Amman Nagar
33. A.R.N.Avenue
34. Danalakshmi Nagar
35. Meenachi Nagar
36. Mahalakshmi Nagar

Keelakurichi	37. Sriram nagar
Kumbakudi	38. Saveriyar Nagsr
Cholamadevi	39. Thendal Nagar
Palanganankudi Ru	40. Anna nagar Phase II
Suriyur	41. N.K.M.Nagar
Kanthalur	42. Karunai Nagar
	43. Mathakovil Street
	44. Gayathri Nagar
	45. Mathakovil Street
	46. Kanthalur Konar Street

6. POPULATION AND REQUIREMENTS (TOTAL)

Present Population		31236
Ultimate Population		32603
7. Pro rate of Supply	30 lpcd for 31 PC Habs & 20lpcd for 15 FC Habs	
Present Requirement	1080 lpm	
Ultimate Requirement	1175 lpm	
8. Hours of Pumping	16 Hours	
9. Designed quantity	0.86 MLD	
10. Headworks at Puthapuram		
Infiltration Well -1 No	Diameter :4.50m	
	Depth :7.00m	
Pumpset: at Headworks	:25 HP Sub 1080lpm x 61m head (2Nos)	
11. Pumping Main		
200 mm K9 Pipe	420m	
200 mm HDPE PN8 Pipe	2640m	
200 mm HDPE PN6 Pipe	1860m	
140 mm PVC pipe 4Ksc	10775m	
	Total 15695 m	
12. Booster sump at Cholamanagar		
Sump Capacity	60000 lits	
Diameter	5.50m	
Depth	2.50m	
Pumproom	6 x 4 m	
Pumpset	5.00 HP Sub P.set 577 lpm x21m	
	3.00 HP Sub P.set 216 lpm x27m	
13. Booster Main I		
110mm OD pvc 4ksc Pipe	6280m	
50mm OD pvc 6ksc Pipe	30m	
Booster Main II		
110mm OD pvc 4ksc Pipe	5570m	
90mm OD pvc 4ksc Pipe	690m	
75mm OD pvc 4ksc Pipe	260m	
63mm OD pvc 4ksc Pipe	1420m	

14. Sump at Poolankudi Mixed Colony	
Sump Capacity	60000 lits
Diameter	5.50m
Depth	2.50m
Pumproom	6 x 4 m
Pumpset	5 HP Sub P.set 235 lpm x56m 1.00 HP Sub P.set 80 lpm x26m
Feeder Main I	
75mm OD pvc 4ksc Pipe	7311m
63mm OD pvc 4ksc Pipe	2815m
50mm OD pvc 6ksc Pipe	1473m
Feeder Main II	
140mm OD pvc 6ksc Pipe	2121m
90mm OD pvc 6ksc Pipe	4355m
75mm OD pvc 4ksc Pipe	2458m
63mm OD pvc 4ksc Pipe	10113m
50mm OD pvc 6ksc Pipe	4056m
15. Ellakudi Sump	
Sump Capacity	100000 lits
Diameter	7.20m
Depth	2.50m
Pumproom	4 x 3 m
Pumpset	5 HP Sub P.set 547 lpm x21m
Branch Main	
140mm OD pvc 4ksc Pipe	150m
110mm OD pvc 4ksc Pipe	500m
63mm OD pvc 4ksc Pipe	280m
Feeder Main	8155m
16. Keelakurichy Sump	
Sump Capacity	30000 lits
Diameter	4.00m
Depth	2.50m
Pumproom	4 x 3 m
Pumpset	1 HP Sub P.set 79 lpm x14m
Feeder Main	
63mm OD pvc 4ksc Pipe	1810m
50mm OD pvc 6ksc Pipe	1750m
17. Service Reservoirs	42 Nos (Existing-25 , New -17)
18. Distribution system	
Existing	29100m
Newly Laid	23700m

