

SALIENT DETAILS

CWSS TO SATHANUR AND 45 OTHER HABITATIONS IN THIRUVANNAMLAIR DISTRICT

1. Scheme Cost :
 - a) Installation Cost : Rs.739.11 Lakhs
 - b) Annual Maintenance Cost : Rs.
2. Administrative approval No. & Amount : B.P. MS NO.229/dt.08.12.2000
3. Technical sanction No. & Amount : CE/NR/VLR No.31/2000-2001 dt. 18.01.2001 for Rs.739.11 Lakhs
4. Beneficiaries :

S.No	NAME OF UNION	NAME OF PANCHAYAT	NAME OF HABITATION
1	2	3	4
1	Thandrampet	sathanur	sathanur
2	Thandrampet	Sathanur	Sathanur HC
3	"	"	Allapannkottai
4	"	"	Aiythampalayam
5	"	"	Vendankulam
6	"	"	Puliankulam
7	"	"	Periyaveetu kottai&Mallikapura
8	Thandrampet	Veernam	Veernam
9	"	"	Veernam ADC
10	"	"	Korattampalayam
11	"	"	Parakottai
12	"	"	Naickanur
13	"	Kilvanakamba di	Desurpalayam
14	"	"	Thullukutipalayam
15	"	"	Irular colony
16	Thandrampet	Thandrampet	Roadpalayam
17	Thandrampet	Kulunthampattu	Krishna puram
18	"	"	Kuppanthangal
19	"	"	Kuppanthangal ADC
20	"	"	Kulunthampattu
21	"	"	Kulunthampattu ADC
22	Thandrampet	Melkaripur	Melkaripur
23	"	"	Melkaripur HC
24	"	"	Ramanathapuram
25	"	"	Pananthopu
26	Thandrampet	Sathanur	Mailadumparai
27	Thandrampattu	Tharadapet	Tharadapet
28	"	"	Tharadapet H C
29	"	"	TharadapetADC
30	"	"	Anna Nagar
31	"	"	Vellai murmbu

32	Thandrapattu	Nedungavadi	Nedungavadi
33	Thandrapattu	Kannakandal	Kannakandal
34	"	"	Indira nagar
35	"	"	Chinamottur
36	"	"	periamottur &HC
37	Thandrapet	Kilvanakambadi	Kilvanakambadi
38	"	"	Periyakkal
39	Thandrapet	Kilsirpakkam	Kilsirpakkam
40	"	"	Irularcolony
41	"	"	Thennerpandal
42	"	"	Krishnapuram
43	"	"	Kamaraja nagar
44	"	"	sirupakkampudur
45	Thiruvannamalai	Pandithapattu	Pandithapattu
46			kalarkottai

5. Population :
 - a) Intermediate (Year 2011) : 45067
 - b) Ultimate (2026) : 56586
6. Level of Service : 55 lpcd
7. Designed Qty
 - a) Intermediate (Year (2011) : 2478685 Lit/Day
 - b) Ultimate (Year) (2026) : 3112230 Lit/Day
8. Year of completion & Commissioning :
 - a. Original Scheme 2003
 - b. Improvement Scheme :
9. Head works with source details : Thenpennaiyar River – Off Take well 4m dia.
10. Pump set :
 - a. Type : Vertical turbine
 - b. Duty : 60 HP - 2550 lpm x 62m head.
 - c. Hours of Pumping : 23 Hours
11. Treatment Plant (with Units details) :
 - 1) Aerator - 1 No. (Type design)
 - 2) Sitling chamber 1 No.
 - 3) Measuring channel 1 No.
 - 4) Flash mixer 1 No.
 - 5) Clarifluculetor - 1 No.
 - 6) Filter house - 3 bed Twin type -1 No. Type design.
 - 7) Clear water pumpset 15 HP centrifugal 2480 lpm x 17m.
 - 8) Clear water sump 2LL
12. Transmission Main :
 - a. Pumping main : 350mm PSC 10 KSC 3575m

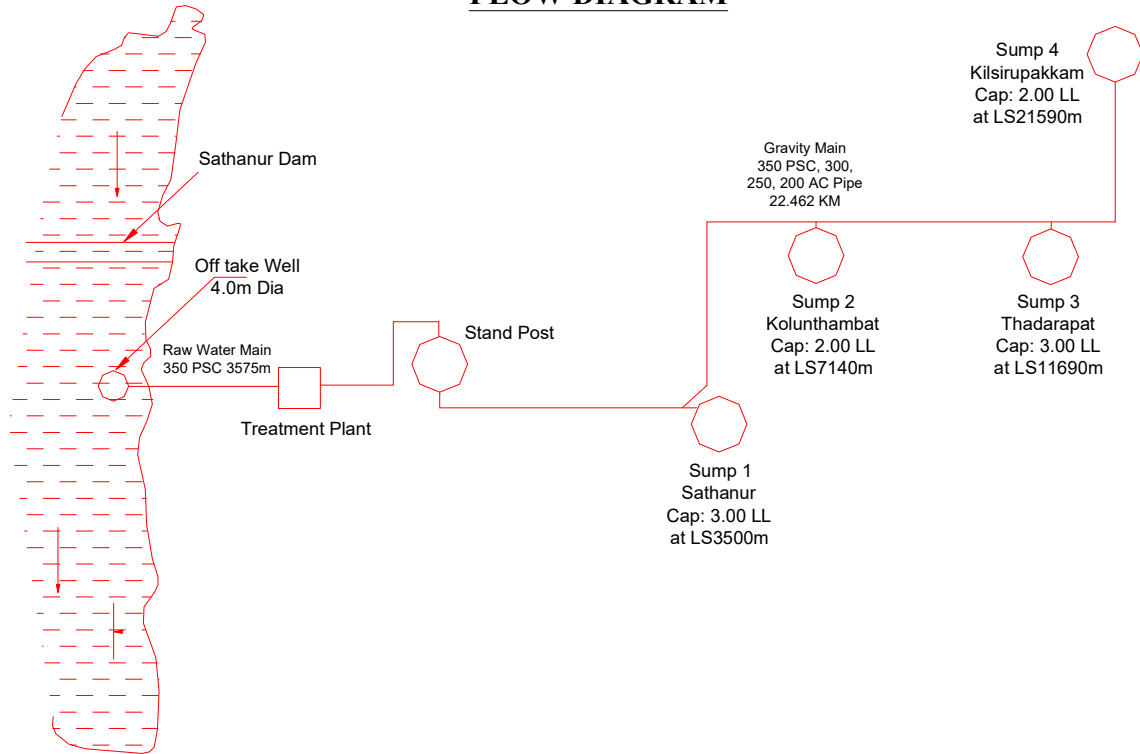
- b. Gravity main : 350 PSC pipe and 300, 250 and 200mm AC pipes 22.462kms
13. Booster Station : -
- a. Sump with capacity : -
- b. Pumpset details : -
- 14 Feeder main : -
15. No. of Group sump with capacity : -
- 1) Sathnoor 3.00 LL
 - 2) Kolunthompatu 2.00 LL
 - 3) Tharadapet 3.00 LL
 - 4) Kilsirupakkam 2.00 LL
16. Service Reservoirs with capacity : .

S.No	NAME OF UNION	NAME OF PANCHAYAT	NAME OF HABITATION	CAPACITY OF O.H.T
1	2	3	4	5
1	Thandrapet	sathanur	sathanur	100000 lits
2	"	"	"	100000 lits
3	Thandrapet	Sathanur	Sathanur HC	100000lits
4	"	"	Allapannkottai	10000lits
5	"	"	Aiythampalayam	30000lits
6	"	"	Vendankulam	30000lits
7	"	"	Puliankulam	10000lits
8	"	"	Periyaveetu kottai&Mallikapura	30000lits
9	Thandrapet	Veernam	Veernam	30000lits
10	"	"	Veernam ADC	30000lits
11	"	"	Korattampalayam	10000lits
12	"	"	Parakottai	10000lits
13	"	"	Naickanur	10000lits
14	"	Kilvanakambadi	Desurpalayam	30000lits
15	"	"	Thullukutipalayam	30000lits
16	"	"	Irular colony	10000lits
17	Thandrapet	Thandrapet	Roadpalayam	30000lits
18	Thandrapet	Kulunthampattu	Krishna puram	30000lits
19	"	"	Kuppanthangal	30000lits
20	"	"	Kuppanthangal ADC	60000lits
21	"	"	Kulunthampattu	60000lits
22	"	"	Kulunthampattu ADC	60000lits
23	Thandrapet	Melkaripur	Melkaripur	60000lits
24	"	"	Melkaripur HC	30000lits
25	"	"	Ramanathapuram	30000lits
26	"	"	Pananthopu	10000lits
27	Thandrapet	Sathanur	Mailadumparai	30000lits
28	Thandrapattu	Tharadapet	Tharadapet	60000lits
29	"	"	Tharadapet H C	60000lits
30	"	"	TharadapetADC	30000lits
31	"	"	Anna Nagar	60000lits
32	"	"	Vellai murmbu	10000lits
33	Thandrapattu	Nedungavadi	Nedungavadi	30000lits

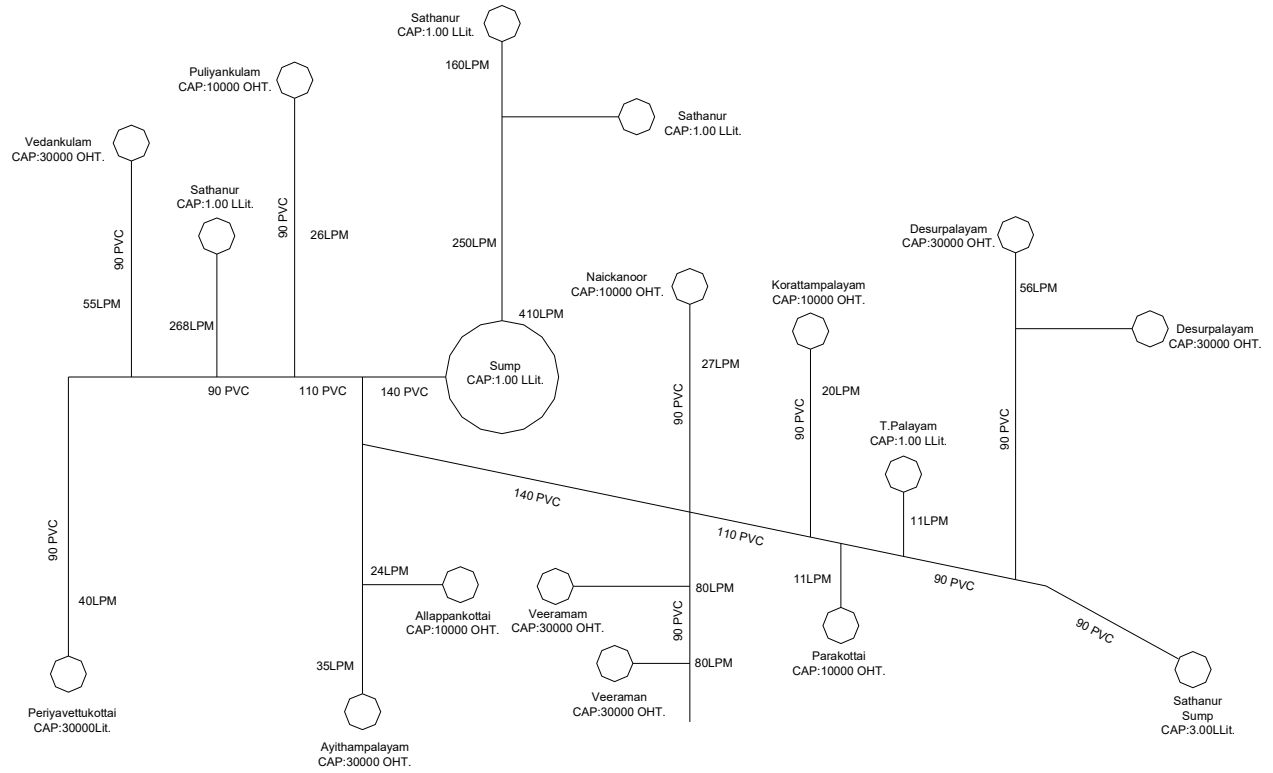
34	Thandrampattu	Kannakandal	Kannakandal	10000lits
35	"	"	Indira nagar	30000lits
36	"	"	Chinamottur	60000lits
37	"	"	periamottur &HC	30000lits
38	Thandrampet	Kilvanakambadi	Kilvanakambadi	60000lits
39	"	"	Kilvanakambadi	60000lits
40	"	"	Periyakkal	10000lits
41	Thandrampet	Kilsirpakkam	Kilsirpakkam	60000lits
42	"	"	Kilsirpakkam	60000lits
43	"	"	Irularcolony	10000lits
44	"	"	Thennerpandal	30000lits
45	"	"	Krishnapuram	10000lits
46	"	"	Kamaraja nagar	30000lits
47	"	"	sirupakkampudur	30000lits
48	Thiruvannamalai	Pandithapattu	Pandithapattu	60000lits
49			kalarkottai	30000lits

17. Separate power feeder main : Available
18. Distribution system 63mm PVC Pipes 19.75 Km

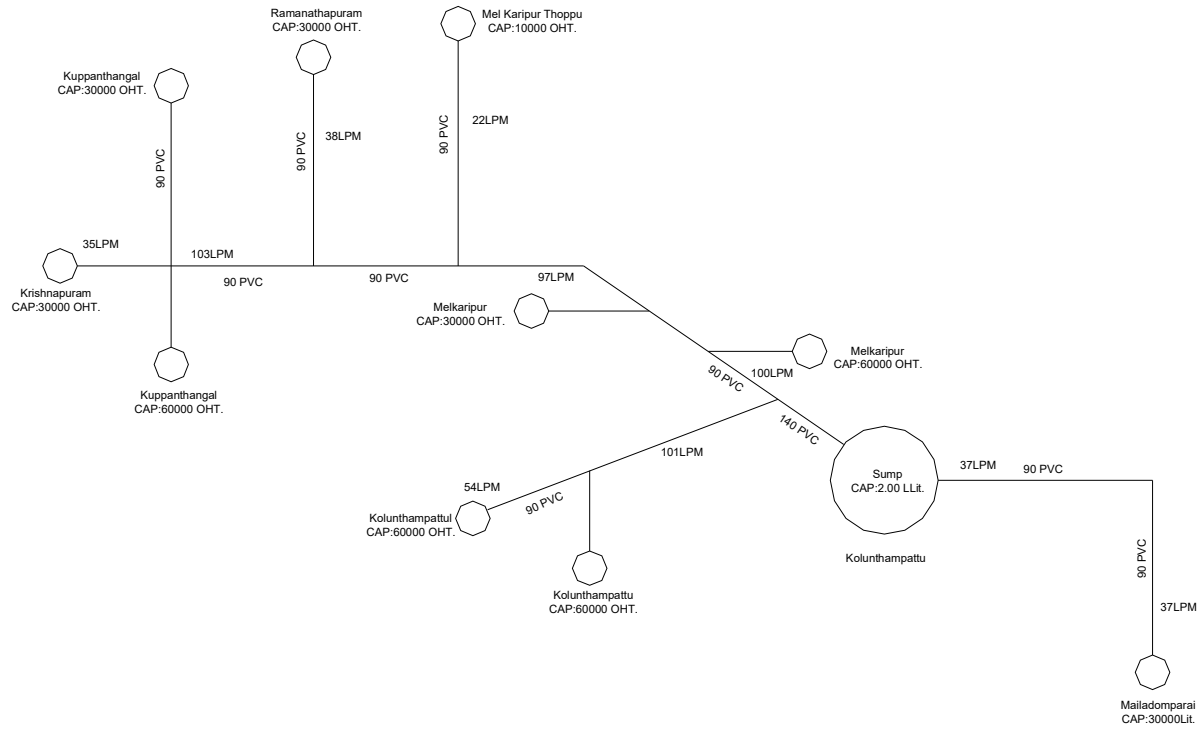
CWSS TO SATHANUR & 45 OTHER HABITATIONS
IN TIRUVANNAMALAI DISTRICT
FLOW DIAGRAM



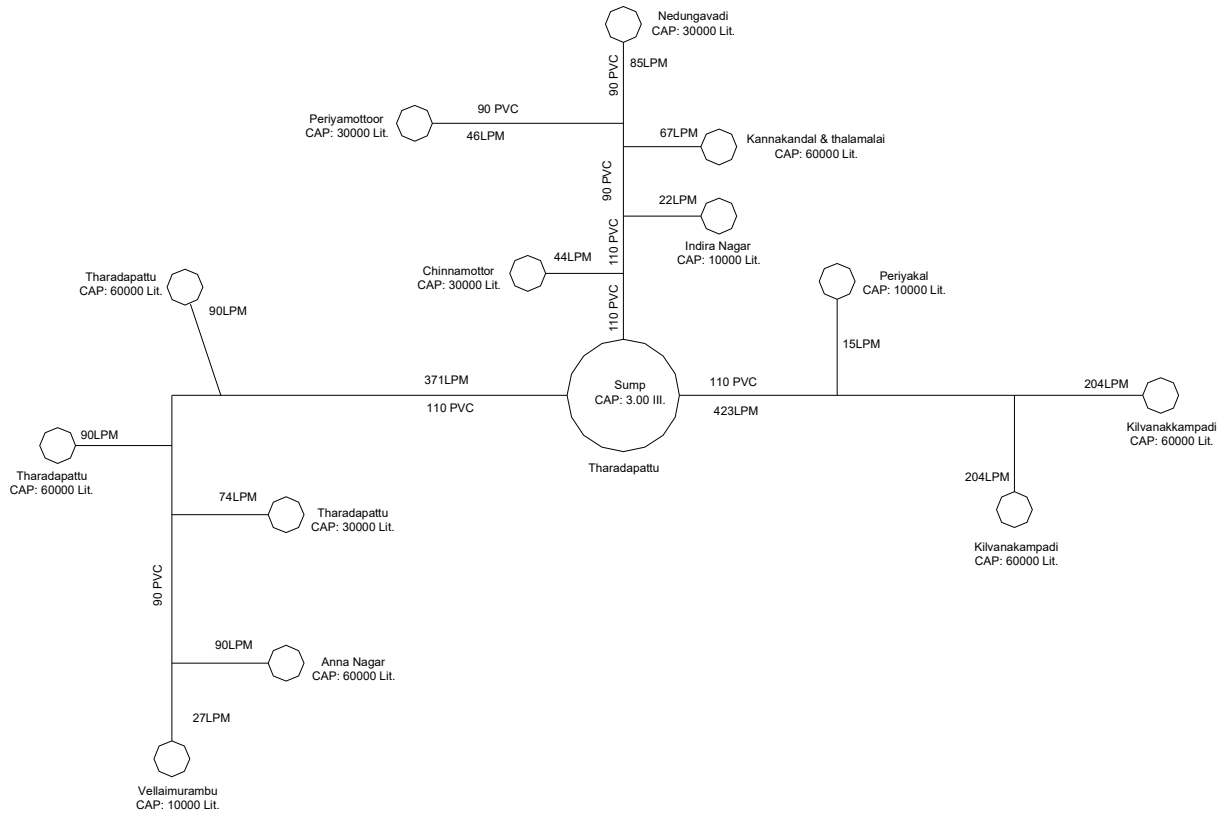
**CWSS TO SATHANUR & 45 OTHER HABITATIONS IN TIRUVANNAMALAI DISTRICT
FLOW DIAGRAM
SUMP NO - I**



**CWSS TO SATHANUR & 45 OTHER HABITATIONS IN TIRUVANNAMALAI DISTRICT
FLOW DIAGRAM
SUMP NO - II**



**CWSS TO SATHANUR & 45 OTHER HABITATIONS IN TIRUVANNAMALAI DISTRICT
FLOW DIAGRAM
SUMP NO - III**



CWSS TO SATHANUR & 45 OTHER HABITATIONS IN TIRUVANNAMALAI DISTRICT
FLOW DIAGRAM
SUMP NO - IV

