

## SALIENT DETAILS

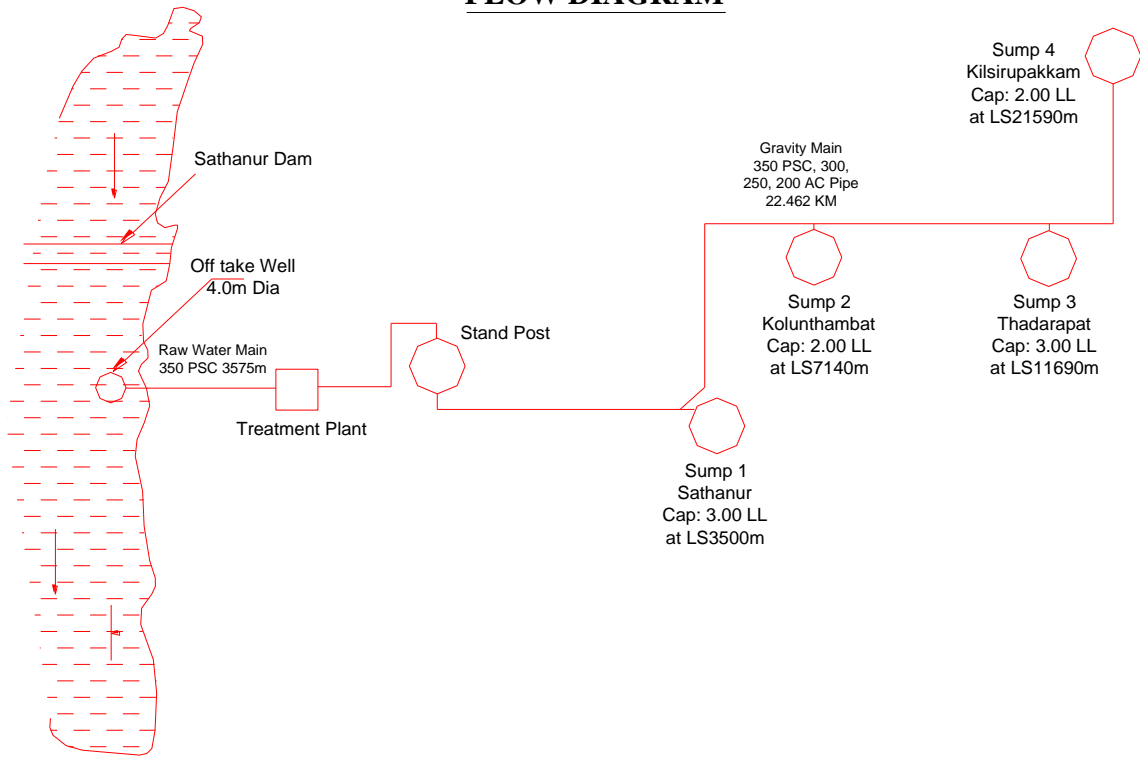
### **CWSS TO SATHANUR AND 45 OTHER HABITATIONS IN THIRUVANNAMLAI DISTRICT**

1. Scheme Cost : Rs.739.11 Lakhs
2. Beneficiaries : Habitations – 46 Nos.
3. Population : 40419
4. Total Daily requirements : 1.802 mld
  
5. Head works with source details : Thenpennaiyar River – Off Take well 4m dia.
  
6. Pump set :
  - a. Type : Vertical turbine
  - b. Duty : 60 HP - 2550 lpm x 62m head.
  - c. Hours of Pumping : 23 Hours
7. 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) Clarifaculetor - 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
  
8. 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
9. 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
  
10. Service Reservoirs with capacity : .

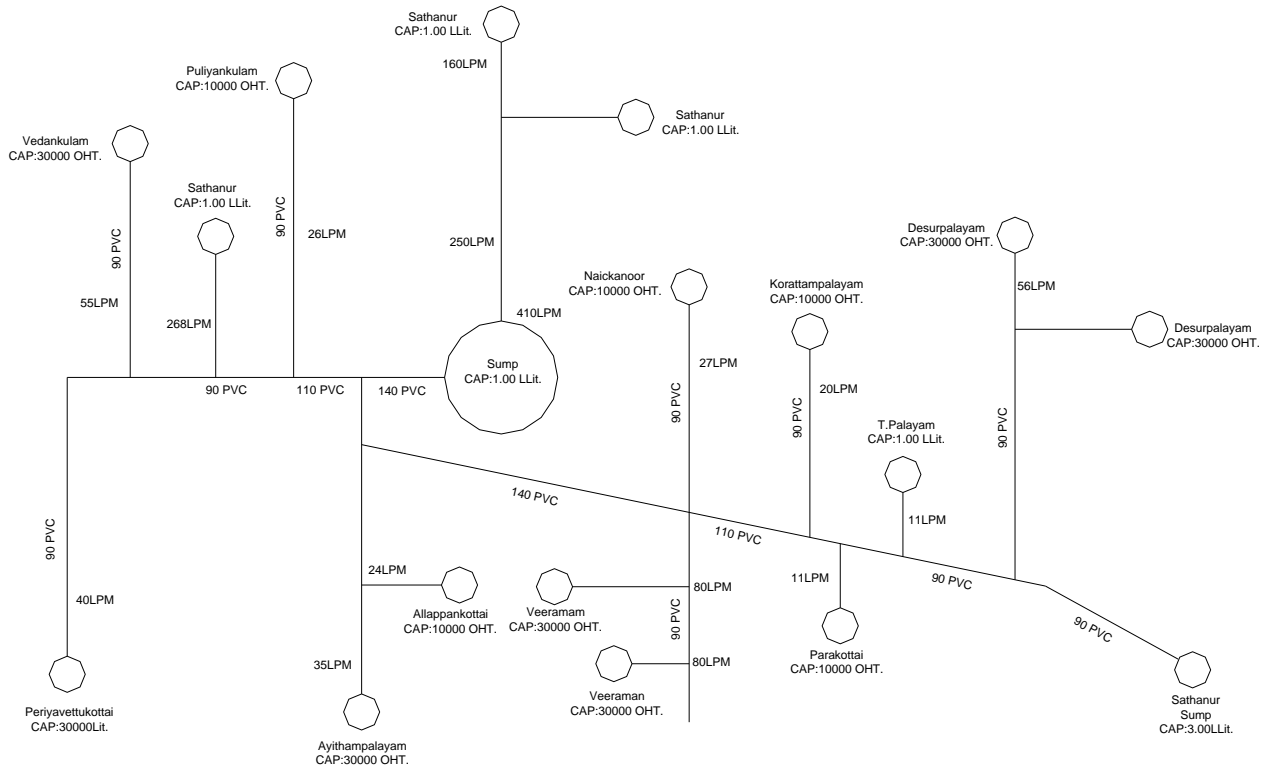
<b>S.No</b>	<b>NAME OF UNION</b>	<b>NAME OF PANCHAYAT</b>	<b>NAME OF HABITATION</b>	<b>CAPACITY OF O.H.T</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
1	Thandrampet	sathanur	sathanur	100000 lits
2	"	"	"	100000 lits
3	Thandrampet	Sathanur	Sathanur HC	100000lits
4	"	"	Allapannkottai	10000lits
5	"	"	Aiythampalayam	30000lits
6	"	"	Vendankulam	30000lits
7	"	"	Puliankulam	10000lits
8	"	"	Periyaveetu kottai&Mallikapura	30000lits
9	Thandrampet	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	Thandrampet	Thandrampet	Roadpalayam	30000lits
18	Thandrampet	Kulunthampattu	Krishna puram	30000lits
19	"	"	Kuppanthangal	30000lits
20	"	"	Kuppanthangal ADC	60000lits
21	"	"	Kulunthampattu	60000lits
22	"	"	Kulunthampattu ADC	60000lits
23	Thandrampet	Melkaripur	Melkaripur	60000lits
24	"	"	Melkaripur HC	30000lits
25	"	"	Ramanathapuram	30000lits
26	"	"	Pananthopu	10000lits
27	Thandrampet	Sathanur	Mailadumparai	30000lits
28	Thandrampattu	Tharadapet	Tharadapet	60000lits
29	"	"	Tharadapet H C	60000lits
30	"	"	TharadapetADC	30000lits
31	"	"	Anna Nagar	60000lits
32	"	"	Vellai murmbu	10000lits
33	Thandrampattu	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

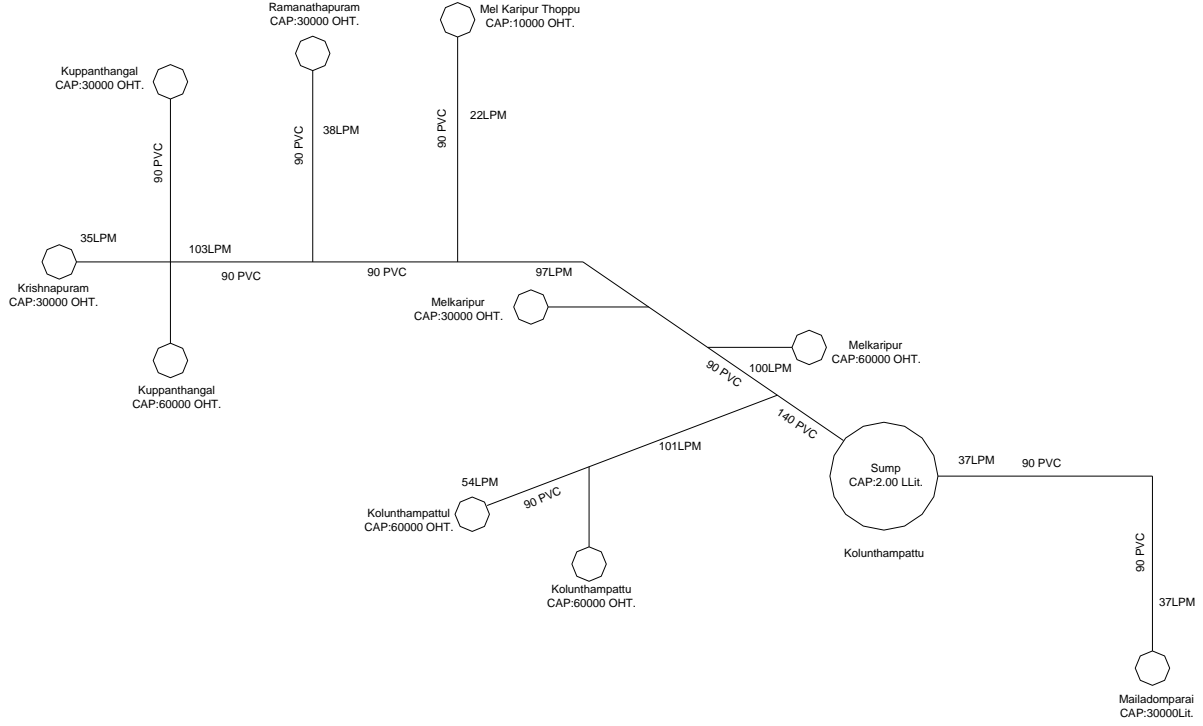
**CWSS TO SATHANUR & 45 OTHER HABITATIONS**  
**IN TIRUVANNAMALAI DISTRICT**  
**FLOW DIAGRAM**



**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**

