

SALIENT DETAILS

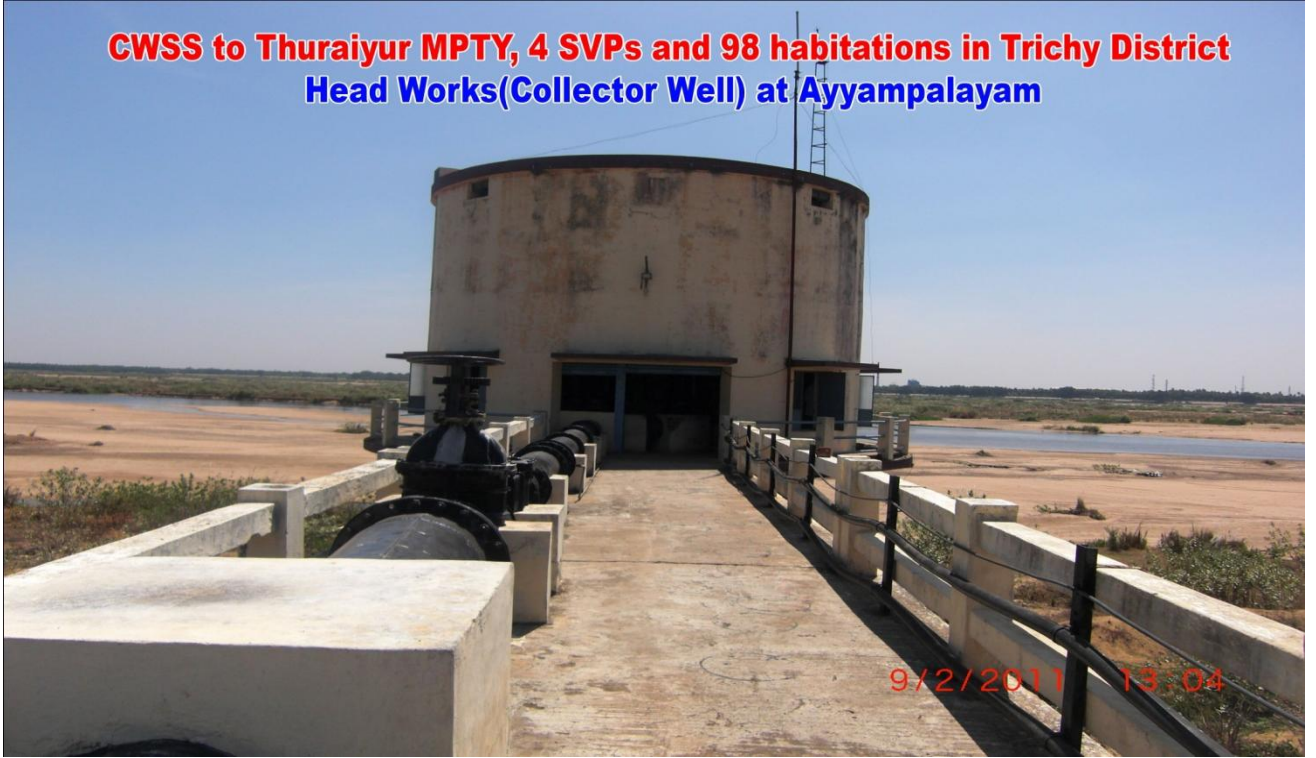
CWSS TO THURAIYUR MUNICIPALITY THATHAIYANGARPET UTP, METTUPALAYAM UTP, BALAKRISHNAMPATTI RTP, UPPILIYAPURAM RTP AND 98 WAY SIDE HABITATIONS IN TRICHY DISTRICT

1	Scheme Cost	Rs.3311.50 lakhs
2	Beneficiaries	Municipality - 1 No , Town Panchayat - 4 Nos, Habitation - 98 Nos
3	Population	176632
4	Design Quantity	15.73 mld
5	Hours of Pumping	20
6	Head Works	
	Source	
	Collector Well	1 No.Dia 6.00m, Depth 18.00m. 1 No.Dia 14.50m, Depth 3.30m.
7	Sump at Jambunathapuram	capacity 500000 litres
	Pump House	1 No. (16 m x 8 m)
8	Pumpsets:	
a	Collector Well	Ayyampalayam (HW) 300 HP Vertical Turbine P'set - 2 Nos.(I No. as standbye)
b	Jambunathapuram (Main) BS	177 HP -2 Nos.(I No. as standbye) & 150 HP 2 Nos.(I No. as standbye)
c	Jambunathapuram (wayside) BS	7.5 HP -2 Nos.(I No. as standbye), 5 HP-2 Nos.(I No. as standbye),

		3 HP-2 Nos.(I No. as standby), 2HP-2 Nos.(I No. as standby)
d	Mettupalayam (Main) BS	50HP -2 Nos.(I No. as standby) , 25 HP 2 Nos.(I No. as standby) , 15 HP 2 Nos.(I No. as standby)
e	Mettupalayam (wayside) BS	7.5 HP -2 Nos.(I No. as standby) , 5 HP-2 Nos.(I No. as standby) ,
f	Therappanpatti (wayside) BS	1.5 HP -2 Nos.(I No. as standby)
g	Krishnapuram (wayside) BS	3 HP -2 Nos.(I No. as standby)
h	Kottapalayam (wayside) BS	15 HP -2 Nos.(I No. as standby) , 7.5 HP-2 Nos.(I No. as standby) ,
i	Devanur Pudur (wayside) BS	1 HP -2 Nos.(I No. as standby)
j	Thuraiyur(Main) BS	40HP -2 Nos.(I No. as standby)
k	Kothampatti (wayside) BS	20 HP -2 Nos.(I No. as standby) , 7.5 HP-2 Nos.(I No. as standby) ,
l	Athur Road (wayside) BS	20 HP -2 Nos.(I No. as standby) , 15 HP-2 Nos.(I No. as standby) ,
m	Senappanallur (wayside) BS	5 HP -2 Nos.(I No. as standby)
n	Kembiyampatti (wayside) BS	5 HP -2 Nos.(I No. as standby)
o	Kombaipudur (wayside) BS	5 HP -2 Nos.(I No. as standby)
p	Ottampatti (wayside) BS	5 HP -2 Nos.(I No. as standby)

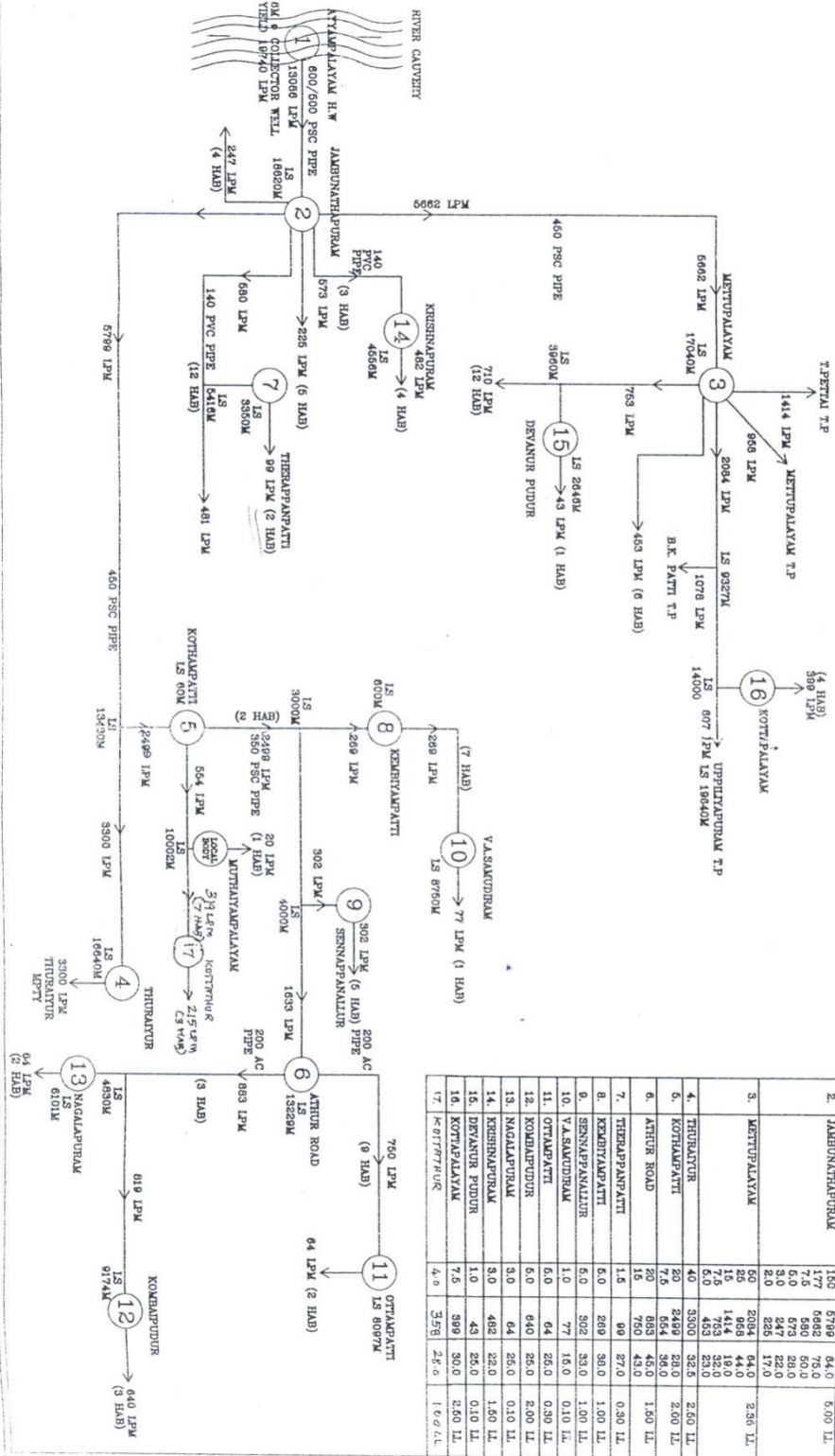
q	Nagalapuram (wayside) BS	3 HP -2 Nos.(I No. as standby)
r	V A Samudiram (wayside) BS	1 HP -2 Nos.(I No. as standby)
s	Kottathur (wayside) BS	4 HP -2 Nos.(I No. as standby)
9	Connecting Main	
a	600 to 500mm dia PSC Pipes	18.62 KM
b	Pumping Main	
	450 to 200mm dia PSC/AC Pipes	71.23 KM
c	Branch Main	
	350 to 50mm of PSC, AC, PVC Pipes.	212.62 KM
10	Service Reservoirs:	123 Nos (8.00LL to 10,000 Litres)

CWSS to Thuraiyur MPTY, 4 SVPs and 98 habitations in Trichy District
Head Works(Collector Well) at Ayyampalayam



**CWSS TO THURAIYUR MUNICIPALITY, THATHIYANGARPET. T.P., METTUPALAYAM T.P.,
BALAKRISHNAMPATTI T.P., UPPILYAPURAM T.P. & 98 WAY SIDE HABITATIONS IN TRICHY DISTRICT.**

FLOW DIAGRAM



**SUMP & PUMPSET DETAILS:
(WITH 100% STAND BYE)**

S.No.	LOCATION	HP	DUTY	HEAD	CAPACITY
		IN LPM	IN LPM	IN M	OF SUMP
1.	ATTAPALAYAM (H/W)	300	13088	74.5	5.00 TL
2.	JABRUNATHAPURAM	150	6789	64.0	
		777	6882	75.0	
		6.0	673	28.0	
		6.0	247	22.0	
		2.0	228	17.0	
3.	METTUPALAYAM	50	2094	64.0	2.56 TL
		25	866	44.0	
		7.5	143	32.0	
		5.0	453	23.0	
4.	THURAIYUR	40	3300	32.5	2.60 TL
5.	KOTHPALAYAM	20	2459	28.0	2.00 TL
6.	ATHUR ROAD	20	883	45.0	1.50 TL
7.	THIRAPPAMPATTI	1.5	68	27.0	0.30 TL
8.	KEDHIVAMPATTI	5.0	268	38.0	1.00 TL
9.	SERNAPANALLUR	5.0	302	33.0	1.00 TL
10.	VASAMUNDIYAM	1.0	77	16.0	0.10 TL
11.	OTTAMPATTI	6.0	64	26.0	0.30 TL
12.	KOMARPUDUR	6.0	640	26.0	2.00 TL
13.	NGALAPPURAM	3.0	64	26.0	0.10 TL
14.	KRISHNAPURAM	3.0	482	22.0	1.50 TL
15.	DEVANUR PODDUR	1.0	43	26.0	0.10 TL
16.	KOTHPALAYAM	7.5	399	30.0	2.60 TL
17.	KOTTIPURAM	4.0	328	26.0	1.60 TL