

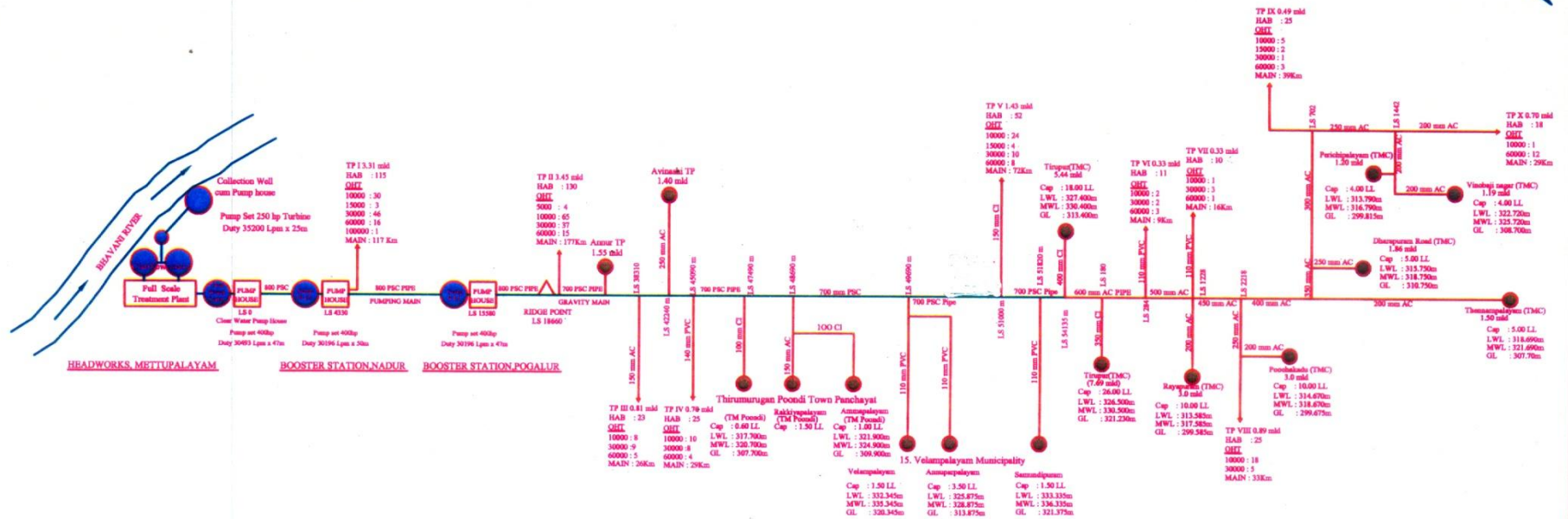
SALIENT DETAILS

C.W.S.I.S. TO TIRUPUR CORPORATION, 2 MUNICIPALITIES, 3 TOWN PANCHAYATS AND 46 VILLAGE PANCHAYATS (362 HABITATIONS)

1	Scheme Cost	Rs.31.50 Crores	
2	Beneficiaries	: 1) Tirupur Corporation 2) 15 Velampalayam Municipality 3) Nallur Municipality 4) Annur Town Panchayat 5) Avinashi Town Panchayat 6) Thirumuruganpoondi Town Panchayat and 7) 46 Village Panchayats (362 Habitations)	
3	Populations	: 653592	
4	Designed Qty.	: 44.00 mld	
5	Head works with Source details	: Mettupalayam, Bhavani River	
6	Pumpset	: <u>Raw Water</u>	<u>Clear Water</u>
a	Type	: Vertical Turbine	HSC Centrifugal
b	Duty	: 35200 lpm x 25 m	30493 lpm x 47 m
c	Hours of Pumping	: 24 Hours	24 Hours
7	Treatment Plant (with Units Details)	Rapid Sand Filters (with 14 Nos. Twin Type Beds.)	
8	Transmission Main		

a	Pumping main	:	18.66 Km. (800 mm Dia PSC)	
			35.475 Km (700 mm Dia PSC)	
b	Gravity main	:	---	
9	Booster station	:	Nadur	Pogalur
a	Sump with capacity	:	10.00 LL	9.00 LL
b	Pumpset details	:	400 HP HSC	
			30186 X 50 m	28807 x 50 m
10	Feeder Mains:	:	9253 m	
11	No of Group sump with capacity	:	<u>Location</u>	<u>Capacity</u>
			1 Chenniveerampalayam	1.75 LL
			2 Kurikiliyampalayam	0.16 LL
			3 Edayarpalayam	0.10 LL
			4 Periyapalayam	0.16 LL
			5 Mookanur	0.45 LL
			6 Dasampalayam	1.00 LL
			7 Velur	1.70 LL
			8 Pandiyan Nagar	3.20 LL
			9 Pooluvapatti	2.25 LL
			10 Boyer Colony	3.75 LL
			11 Vijayapuram	0.60 LL
			12 Sennimalaipalayam	0.40 LL
			13 Chandrapuram	3.60 LL
12	Service Reservoirs with capacity	:	332 Nos. (10,000 litres to 1.00 Lakh Litres.)	

CWSS TO TIRUPPUR CORPORATION, 2 MUNICIPALITIES, 3 URBAN TOWN PANCHAYATS AND 46 VILLAGE PANCHAYATS [366 HABITATIONS]



FLOW DIAGRAM

TP	LS	SUMP CAPACITY	LOCATION	PUMP SET				HAB	TP	LS	SUMP CAPACITY	LOCATION	PUMP SET				HAB																		
				HP	TYPE	DUTY	HOP						HP	TYPE	DUTY	HOP																			
I	4330	COMMON	NADUR	40	OWS	2116Lpm x 45m	24	115	IV	45090	ON LINE	AVINASHILINGAM PALAYAM	7.5	M.B	495Lpm x 42m	24	25																		
			CHENNIVEERAM PALAYAM	10	OWS	484Lpm x 42m	24					VELLUR	10	OWS	446Lpm x 42m	12																			
			SEMPARAVALLI PUDUR	17.5	OWS	542Lpm x 71m	24					V	51000	3.2 LL	PANDIAN NAGAR	25		OWS	886Lpm x 59m	12	52														
			IRUMPORAI	7.5	OWS	320Lpm x 36m	12							2.25 LL	POOLUVA PATTI	7.5		OWS	624Lpm x 33m	12															
II	18660	ON LINE	KURUKILIAM PALAYAM	10	OWS	368Lpm x 42m	24	130	VI	284 of PM	GRAVITY					24	11																		
			EDAYAR PALAYAM	5	OWS	248Lpm x 30m	12											VII	1228 of PM	GRAVITY					24	10									
			PERIYA PUTHUR	2	OWS	42Lpm x 43m	12																				VIII	910 of PM	3.75 LL	BOYARCOLONY	35	OWS	1080Lpm x 78m	12	25
			KUPPUSWAMY NAGAR	2	OWS	116Lpm x 31m	12																							7.5 OWS	246Lpm x 78m	12			
			SILLAPPAM PALAYAM	2.5	M.B	124Lpm x 18m	12																				IX	702 of PM	6000 L	VIJAYA PURAM	5	M.B	150Lpm x 37m	12	25
			DASAM PALAYAM	10	OWS	655Lpm x 41m	12											4000 L	SENNIMALAI PALAYAM	2	OWS	42Lpm x 27m	12												
III	38310	ON LINE	KARIAM PALAYAM	1	M.B	---	12	X	1442 of PM	3.6 LL	CHANDRA PURAM	35	OWS	1080Lpm x 76m	12	18																			

NOTE: HOP- HOURS OF PUMPING, M.B- MONO BLOCK CENTRIFUGAL PUMPSET, OWS- OPIN WELL SUBMERISABLE PUMPSET

EXECUTIVE ENGINEER, TWAD BOARD
MAINTANANCE DIVISION (SRUVAYAN),
COMBATORE