

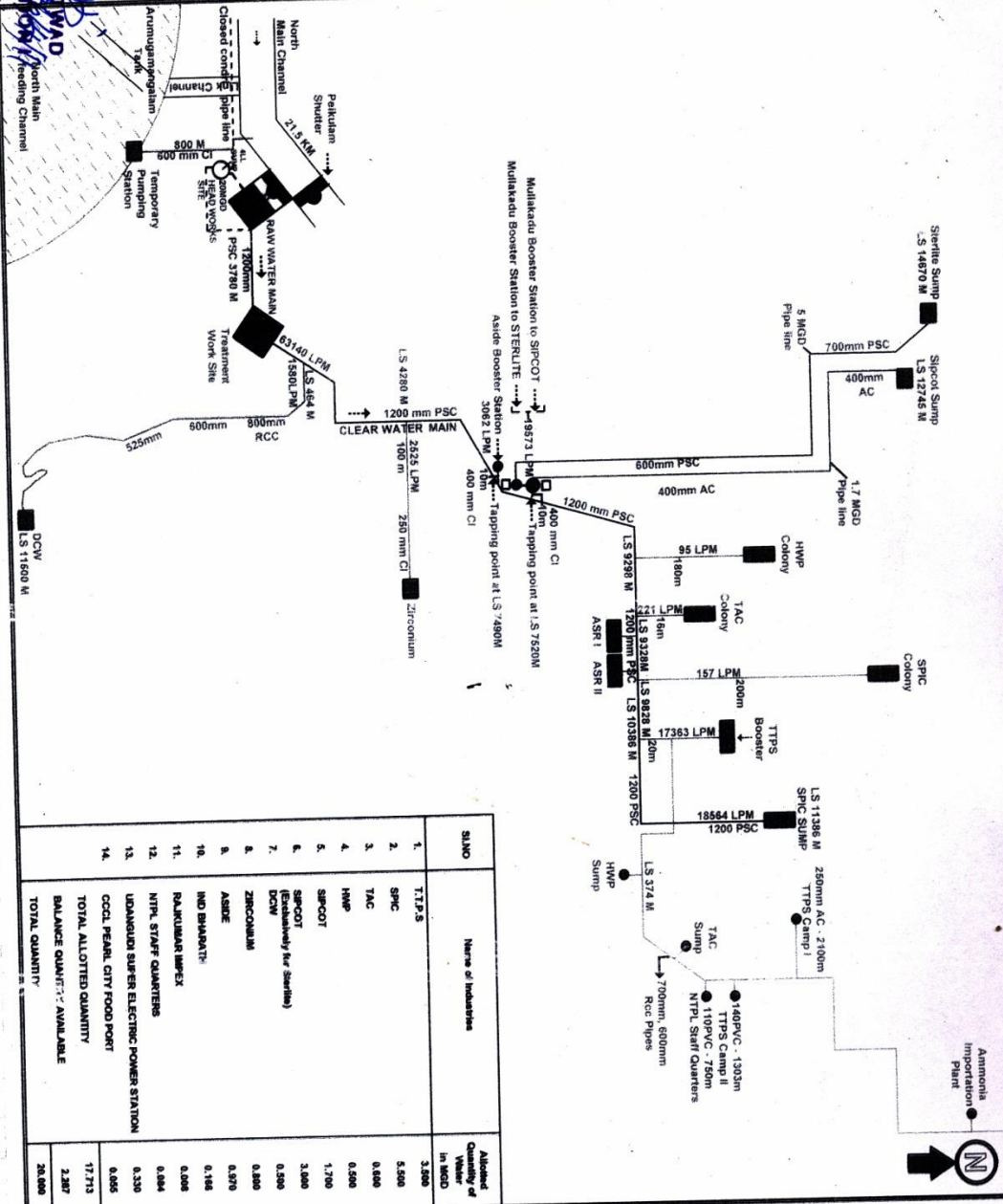
SALIENT DETAILS

20MGD Water Supply Scheme

1	Scheme Cost		Rs.470 lakhs.
2	Beneficiaries	:	8 Industrial & Commercial Organisations
3	Populations	:	--
4	Designed Quantity		90.92 mld
5	Head works with Source details	:	Iruvappapuram
			Surface flow of north main channel.
6	Pumpset		
a	Type		80HP vertical turbine pumpset - 2nos. (standbye 2 nos.)
b	Duty		34100lpmx8.5m head
c	Hours of Pumping		24 nos.
7	Treatment Plant (with Units Details)		Rapid sand filter 12 nos.
8	Transmission Main		
a	Pumping main		1200mm PSC 4 KSC pipe - 11.386km
b	Gravity main		
b	Pumpset details		135HP vertical turbine pumpset - 2 nos.
10	Feeder Mains:		B.P. main TTPs- 750,600mm CI pipe - 7105m main Camp I - 250mm ACC pipe 240m BP main Camp II 140mm PVC 4 KSC 1303m BP main DCW 525x800RCC 11500m
11	Service Reservoirs with capacity		--

20MGD WATER SUPPLY SCHEME TO THOOTHUKUDI INDUSTRIALS

Schematic Diagram



S/NO	Name of Industries	Allocated Quantity of Water in MGD
1.	T.T.P.S	3.500
2.	SPC	5.500
3.	TAC	0.600
4.	HMP	0.500
5.	SIP/COT	1.700
6.	SIP/COT (Exclusively for Siphon)	3.800
7.	DCW	0.500
8.	ZINC/COAL	0.500
9.	ASBE	0.570
10.	IND BR/AGENTS	0.148
11.	RAJAKUMAR IMP/EX	0.008
12.	NPL STAFF QUARTERS	0.004
13.	CCCL FEARL CITY FOOD PORT	0.330
14.	UPANAGUDI SUPER ELECTRIC POWER STATION	0.656
TOTAL ALLOTTED QUANTITY		17.715
BALANCE QUANTITY AVAILABLE		2.287
TOTAL QUANTITY		20.000

SENIOR ENGINEER, T/WAD
 MAINTENANCE SECTION
 MANJALNEERKAVAY