

SALIENT DETAILS

C.W.S.S to Tiruchengode municipality and Alampalayam UTP and rural habitations

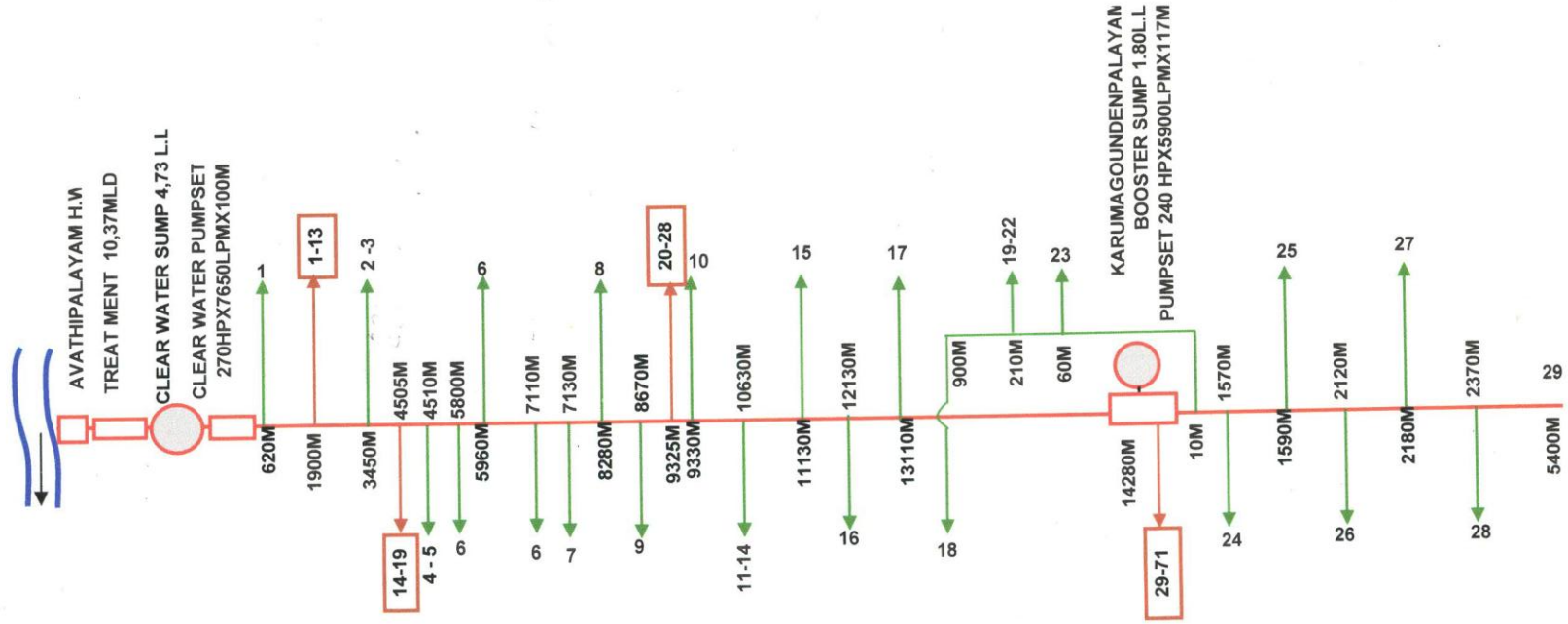
1. Scheme cost	:	Rs.439.01 lakhs
2. Beneficiaries	:	Tiruchengode Municipality -1 no. Alampalayam UTP – 1 no. Habitations 29 nos
3 Populations	:	141248
4 Designed quantity	:	10.37 mld
5 Head works with source details	:	River Cauvery at Avathipalayam 1.Off-take well cum pump house : size 5mx6mx6m 2.Raw water main : 102m
6 pumpset	:	
a)Type	:	1.Vertical Turbine pump set -60HP - 2nos.(for Raw water) (1+1 standby) 2. HSC Pump set -270HP-2 nos.(for clear water) (1+1 standby)
b)Duty	:	1.7900 lpm x 25m 2.7650 lpm x 100m

c)Hours of pumping	:	23 hours
7 Treatment Plant(with units details)	:	10.871 mld
		1.Aerator: 1no.
		2.Stilling chamber :1no.
		3.Measuring channel :1no.
		4.Flash mixer :2nos.
		5.Dividing chamber
		6.Clariflocclator:2nos
		7.Filter house :5 beds
		8.Wash water tank capacity:1 no.
8 Transmission main	:	
a)Pumping main	:	14280m
b)Gravity main	:	..
9. Booster station	:	
a)Sump with capacity	:	b)Pumpset details
Karumagounampalayam-1.80 LL	:	HSC -240 HP-2nos.(1+1standby)
10 Feeder mains	:	42,500 m
11. Service Reservoirs with capacity	:	..

AM OF CWSS TO TIRUCHENGODE MUNICIPALITY ALAMPALAYAM UTP & 34 WAY SIDE HABITATIONS IN NAMAKKAL DISTRICT

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- Critical Pumping main.
- Gravity main and gravity branches
- Branch to Group sumps and Group sumps..
- 2-3 Serial number of original habitations
- 1-13 Serial number of Additional habitations