

SALIENT DETAILS

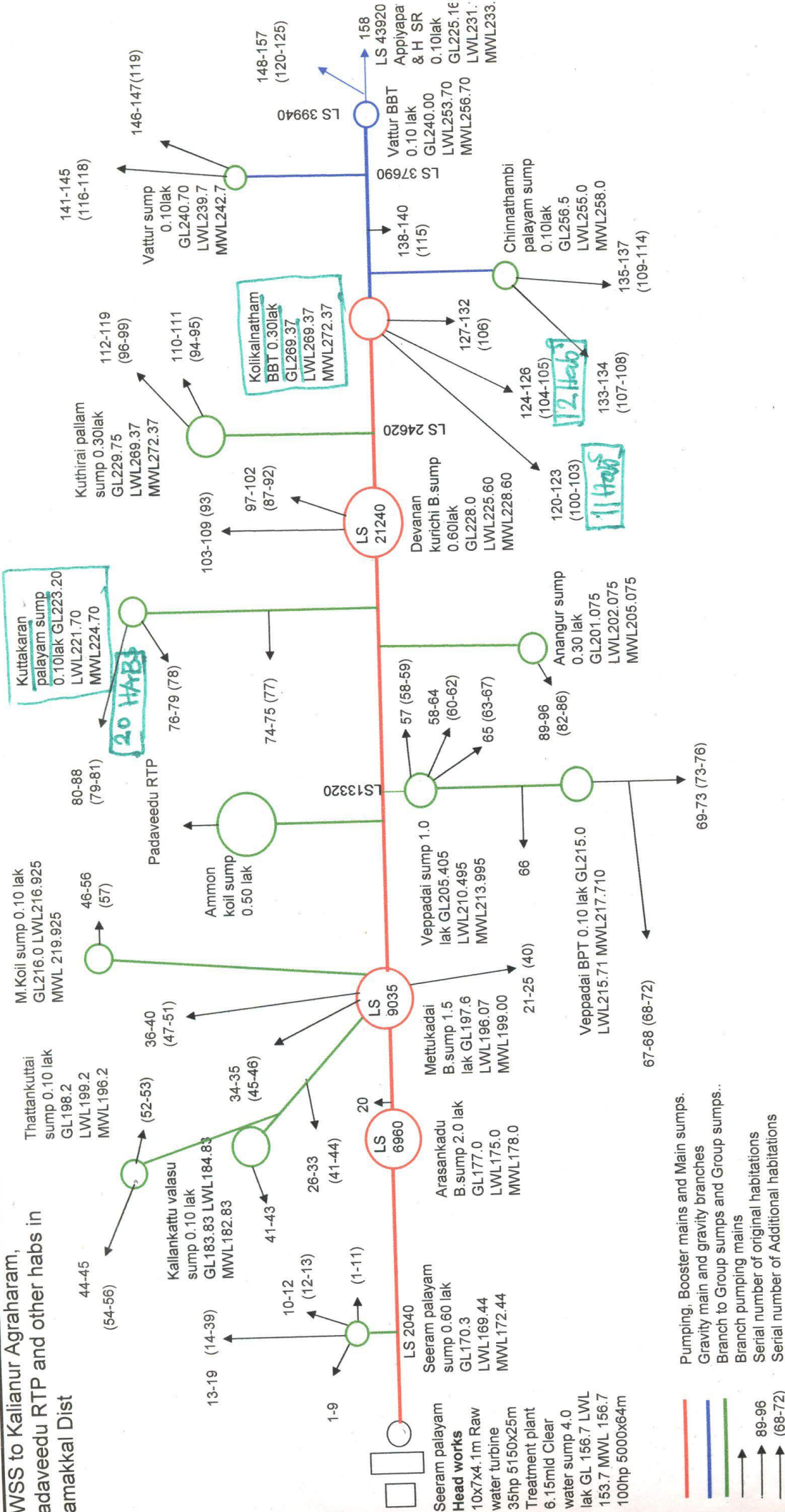
C.W.S.S to Kaliyanur Agraharam and rural habitations including Padaveedu RTP .

- 1 Scheme cost : Rs.1490 lakhs
- 2 Beneficiaries : Town Panchayat - 1 No
Habitations - 310 Nos
- 3 Populations : 106545
- 4 Designed quantity : 5.54 mld
- 5 Head works with source details : River Cauvery at Seerampalayam
 - 1.Off-take well : size 10mx7mx4.10m
 - 2.Collection well size 7m x 4m
 - 3.Raw water main : 120m
- 6 pumpset :
 - a)Type : 1. Turbine-35HP -2nos.(1+1 standby) for raw water
2. HSC- 100HP-2nos. (1+1 standby) for clear water
 - b)Duty : 1.5189 lpm x 20m
2.5000 lpm x 62m
 - c)Hours of pumping : 22 hours
- 7 Treatment Plant : 6.15 mld
 - 1.Aerator: 5m dia
 - 2.Stilling chamber:1no.
 - 3.Measuring channel size : 1no.
 - 4.Flash mixer-1no. 1.80m dia; 2.70m depth
 - 5.Clariflocclator-1no- 25m dia; 4.75 depth
 - 6.7.Filter house :5 beds; size:5.2m x 4m
 - 7.Wash water tank capacity:1.00 LL
- 8 Transmission main :
 - a)Pumping main : 35515m
 - b)Gravity main : 10950m

9	Booster station	:	
	a)Sump with capacity	:	b)Pumpset details
	Arasankadu -2.00 LL	:	Submer-4000 lpmx24m-50HP-2nos (1+1 standby)
	Mettukadi -1.50LL	:	HSC-3885 lpmx53m-75HP-2nos (1+1 standby)
			Submer-308 lpmx25m-10HP-1no
			Submer-350 lpmx40m-5HP-1no
			Submer-67 lpmx20m-2HP-1no
			Submer-72 lpmx52m-3HP-2nos (1+1 standby)
			Submer-146 lpmx50m-5HP-1no
			Submer-104 lpmx20m-5HP-1no
	Devanankurichi -2.00 LL	:	HSC- 930 lpmx67m- 25HP-2nos (1+1 standby)
			Submer- 285 lpmx30m- 10HP-2nos (1+1 standby)
			Submer- 120lpmx40m- 3HP-1no
			Submer- 125 lpmx50m- HP-1no
	Seerampalayam -0.60 LL	:	Submer- 213 lpmx28m- 5HP-1no
			Submer- 125 lpmx40m- 3HP-1no
			Submer- 81 lpmx20m- 2HP-2nos (1+1 standby)
			Submer- 119 lpmx26m- 3HP-nos (1+1 standby)
			Submer- 116lpmx26m- 3HP-nos (1+1 standby)
	Kallankattuvalasu - 0.10 LL	:	Centri mono-149 lpmx22m- 10HP-1no
	Thattankuttai -0.10 LL	:	Submer- 72 36- 3HP-1no.
			Submer-23 lpmx36m- 2HP-1no
	Muniappan koil -0.10 LL	:	Centri mono- 130 lpmx44m- 7.5HP-1no.
	veppadai -1.00 LL	:	Submer-133 lpmx20m- 5HP-1no.
			Submer-150 lpmx40m- 3HP-1no
			Submer- 38 lpmx15m- 2HP-1no
			Submer- 50 lpmx40m-1 HP-1no
			Submer- 113 lpmx20m- 3HP-1no
			Submer- 150 lpmx40m-3HP-1no
			Submer- 239 lpmx20m- 5HP-1no
			Submer-250 lpmx40m- 4HP-1no

Ammankoil -0.60 LL	:	HSC- 1131 lpmx50m- 25HP-1no
Anangur 0.30 LL	:	Submer-129 lpmx30m- 5HP-1no Submer- 130 lpmx40m- 3HP-1no
kuttakaranpalayam – 1.00 LL	:	Submer- 159lpmx44m- 5HP-1no
Kuthirai pallam – 1.00 LL	:	Submer- 128 lpmx62m- 5HP-1no Submer- 150lpmx60m- 4HP-1no Submer- 68lpmx26m- 3HP-1no
Kolikkal natham -0.30 LL	:	Submer- 97 lpmx53m- 7.5HP-1no Submer- 100lpmx75m-4HP-1no Submer- 114 lpmx27m- 5HP-1no
Chinnathambipalayam - 1.00 LL	:	Submer- 174 lpmx36m- 5HP-1no Submer- 175lpmx50m- 3HP-2no(1+1 standby)
Vattur -1.00 LL	:	Submer- 58 lpmx39m- 3HP-1no Submer- 150 lpmx50m- 3HP-1no Submer- 137lpmx37m- 3HP-1no Submer- 150lpmx50m- 2HP-no
Vattur BPT – 0.10 LL	..	
Alankattuvalasu – 0.30 LL		Submer- 458 lpmx26m- 7.5HP-1no Submer-400 lpmx50m- 7.5HP-1no
10 Feeder mains	:	..
11 Service Reservoirs with capacity	:	1.00 LL – 4 nos. 0.60 LL – 30 nos. 0.30 LL – 139 nos. 0.15 LL – 4 nos. 0.10 LL – 81 nos.

**CWSS to Kalianur Agraharam,
Padaveedu RTP and other habits in
Namakkal Dist**



Pumping, Booster mains and Main sumps.
Gravity main and gravity branches
Branch to Group sumps and Group sumps..
Branch pumping mains
Serial number of original habitations
Serial number of Additional habitations

Seeram palayam
Head works
10x7x4.1m Raw
water turbine
35hp 5150x25m
Treatment plant
6.15mid Clear
water sump 4.0
lak GL 156.7 LWL
153.7 MWL 156.7
100hp 5000x64m