

SALIENT DETAILS

C.W.S.S to 2 town panchayats and 318 rural habitations -Phase I

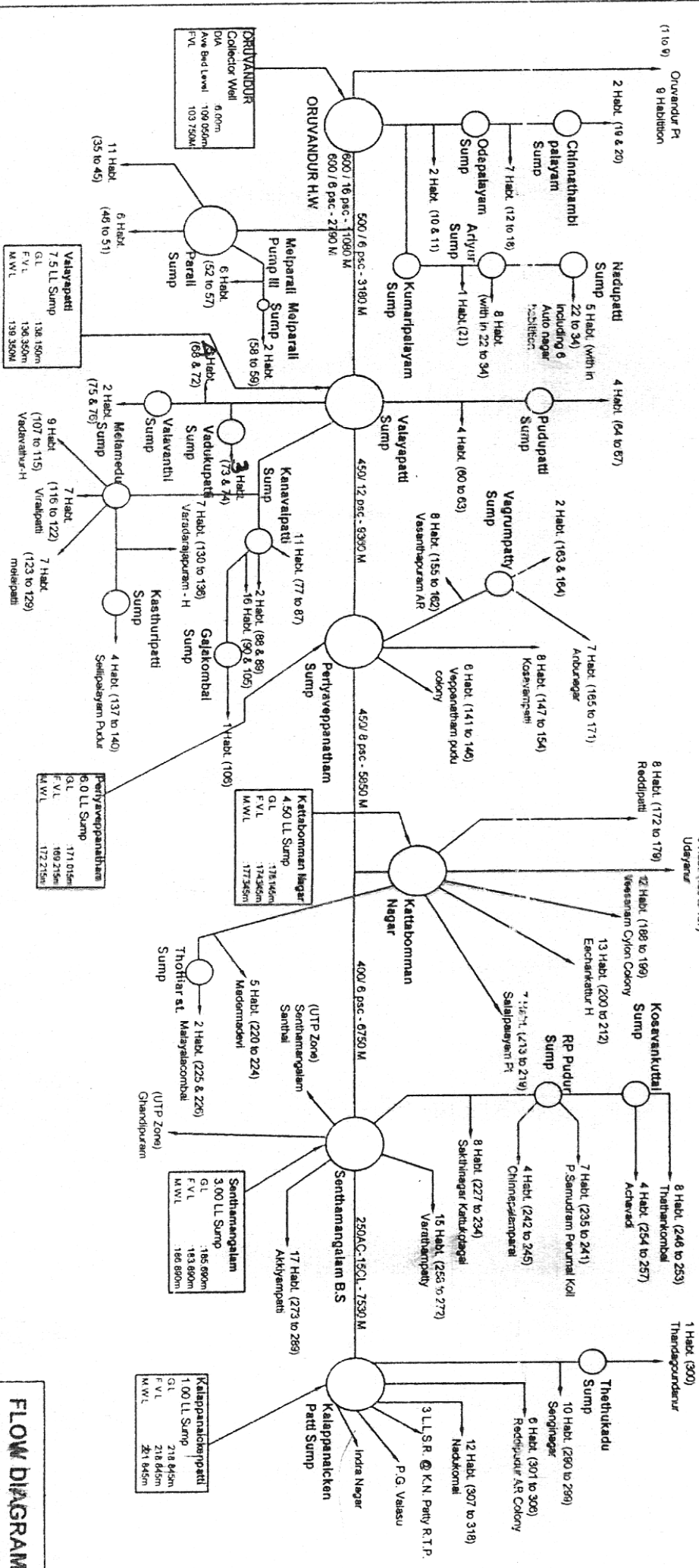
1. Scheme cost : Rs.3125 lakhs
2. Beneficiaries : Sendamangalam UTP – 1no.
Kalappanaickenpatty RTP – 1 no.
Mohanur union – |
Erumaipatty union – | 312 Habitations
Namakkal union |
Sendamangalam union –|
3. Populations : 173699
4. Designed quantity : 9.62 mld
5. Head works with source details : River Cauvery at Oruvandur
Collector well 1no.-6m dia, 14m depth with 12nos of radial arms
Infiltration well-1no. 4.5m dia, 7m depth
6. pumpset :
 - a)Type : 1. Vertical Turbine,
2. Submersible
3. Submersible
 - b)Duty : 1.5990lpmx76m-150HP-3nos(2+1 standby)
2.141lpmx51m-5HP-2nos(1+1 standby)
3.293 lpmx51m-7.5HP-2nos (1+1 standby)
 - c)Hours of pumping : 16 hours
7. Treatment Plant : ----
8. Transmission main :
 - a)Pumping main : 46540m
 - b)Gravity main : ..
9. Booster station :
 - a)Sump with capacity : b)Pumpset details
Ariyur - 0.50 LL : Submersible -72 lpmx29m-1HP- 2nos (1+1 standby)
Nadupatty – 0.30LL : Submersible -53 lpmx30m-1HP-2nos (1+1 standby)
Chinnathambipalayam - : Submersible-32 lpmx28m 3HP-2nos (1+1

0.30 LL		standby)
Odapalayam - 0.60 LL	:	Submersible-143 lpmx36m-3HP-2nos (1+1 standby)
Kumaripalayam -0.50 LL	:	Submersible-85 lpm x 44m 3HP-2nos (1+1 standby)
Melparali- 0.30 LL	:	Submersible-35 lpm x 28m 1HP-2nos (1+1 standby)
Parali – 1.50 LL	:	Submersible-183 lpm x 31m 3HP-2nos (1+1 standby)
		Submersible-75 lpm x 28m 1HP-2nos (1+1 standby)
		Submersible-236 lpm x 23m 3HP-2nos (1+1 standby)
Valayapatty-7.50 LL	:	HSC -4178 lpm x 55m 75HP-3nos (2+1 standby)
		HSC-2038 lpm x 41m 30HP-2nos (1+1 standby)
		Submersible-329 lpm x 39m 5HP-2nos (1+1 standby)
		Submersible-289 lpm x 28m 3HP-2nos (1+1 standby)
Kanavaipatty-3.00 LL	:	Submersible-200 lpm x 29m 3HP-2nos (1+1 standby)
		Submersible-63 lpmx7m 0.50HP-2nos (1+1 standby)
		Submersible-889 lpmx34m-12.5HP-2nos (1+1 standby)
Melamedu – 3.00 LL	:	Submersible-223 lpm x 28m 3HP-2nos (1+1 standby)
		Submersible-151 lpmx15m-1.50HP-2nos(1+1 standby)
		Submersible-200 lpm x 51m 5HP-2nos (1+1 standby)
		Submersible-312 lpm x 34m 5HP-2nos (1+1 standby)
Vadugappatty-0.30 LL	:	Submersible-75 lpmx34m 1.5HP-2nos (1+1 standby)
A.Valavanthi – 1.00 LL	:	Submersible-86 lpmx15m 1HP-2nos (1+1 standby)
		Submersible-64 lpmx31m 1.5HP-2nos (1+1 standby)
N.Pdupatty – 0.60 LL	:	Submersible-86 lpm x 40m 2HP-2nos (1+1 standby)

- Gajacombai – 0.30 LL : Submersible-64 lpm x 38m 2HP-2nos (1+1 standby)
- Kasthuripatty – 0.30 LL : Submersible-98 lpmx43m 2HP-2nos(1+1 standby)
- Periaveppanatham – 0.60 LL : HSC-3575 lpmx37m-40HP-3nos (2+1 standby)
 Monoblock-541 lpmx63m-12.5HP-2nos (1+1 standby)
 Monoblock-422 lpm x 34m 5HP-2nos (1+1 standby)
 Monoblock-861 lpm x 35m 5HP-2nos (1+1 standby)
- Vagurampatty – 1.00 LL : Submersible-251 lpmx46m-5HP-2nos(1+1 standby)
 Submersible-21 lpmx15m-1HP-2nos (1+1 standby)
- Kattabomman nagar-4.50LL : Submersible-141 lpmx37m-3HP-2nos(1+1 standby)
 Submersible-259 lpmx40m-3HP-2nos(1+1 standby)
 Submersible-576 lpmx41m-7.5HP-2nos(1+1 standby)
 Submersible-163 lpmx48m-3HP-2nos(1+1 standby)
 Submersible-267 lpmx23m-3HP-2nos(1+1 standby)
 Submersible-216 lpmx48m-5HP-2nos(1+1 standby)
- Puducombai-0.30 LL : Submersible-50 lpmx46m-1.5HP-2nos(1+1 standby)
- Sendamangalam-3.00 LL : HSC-1678 lpmx53m-30HP-2nos(1+1 standby)
 Monoblock-1289 lpmx33m-12.5HP-2nos(1+1 standby)
 Monoblock-756 lpmx28m-7.5HP-2nos(1+1 standby)
 Submersible-306 lpmx34m-5HP-2nos(1+1 standby)
 Submersible-151 lpmx53m-5HP-2nos(1+1 standby)
 Submersible-413 lpmx38m-7.5HP-2nos(1+1 standby)
- R.P.Pudur – 0.30 LL : Submersible-56 lpmx58m-2HP-2nos(1+1

- standby)
- Submersible-89 lpmx36m-1.5HP-2nos(1+1 standby)
- Submersible-149 lpmx15m-2HP-2nos(1+1 standby)
- Kosavankuttai-0.60 LL : Submersible-41 lpmx19m-1HP-2nos(1+1 standby)
- Submersible-48 lpmx54m-2HP-2nos(1+1 standby)
- Kalappanaickenpatty-1.00 LL : Submersible-502 lpmx24m-5HP-2nos(1+1 standby)
- Submersible-352 lpmx35m-5HP-2nos(1+1 standby)
- Submersible-272 lpmx33m-5HP-2nos(1+1 standby)
- Submersible-229 lpmx53m-3HP-2nos(1+1 standby)
- Submersible-137 lpmx45m-3HP-2nos(1+1 standby)
- Submersible-186 lpmx12m-2HP-2nos(1+1 standby)
- Thethukadu-0.30 LL : Submersible-48 lpmx52m-1.5HP-2nos(1+1 standby)
10. Feeder mains : 414300m
11. Service Reservoirs with capacity : 10,000 lit-16 nos.
30,000 lit. – 8 nos.
60,000 lit. – 1 no.
1.00 LL – 2 nos.
2.00 LL – 1 no.

CWSS TO 2 TOWN PANCHAYATS & 318 RURAL HABITATIONS IN NAMAKKAL DISTRICT PHASE.I



FLOW DIAGRAM