

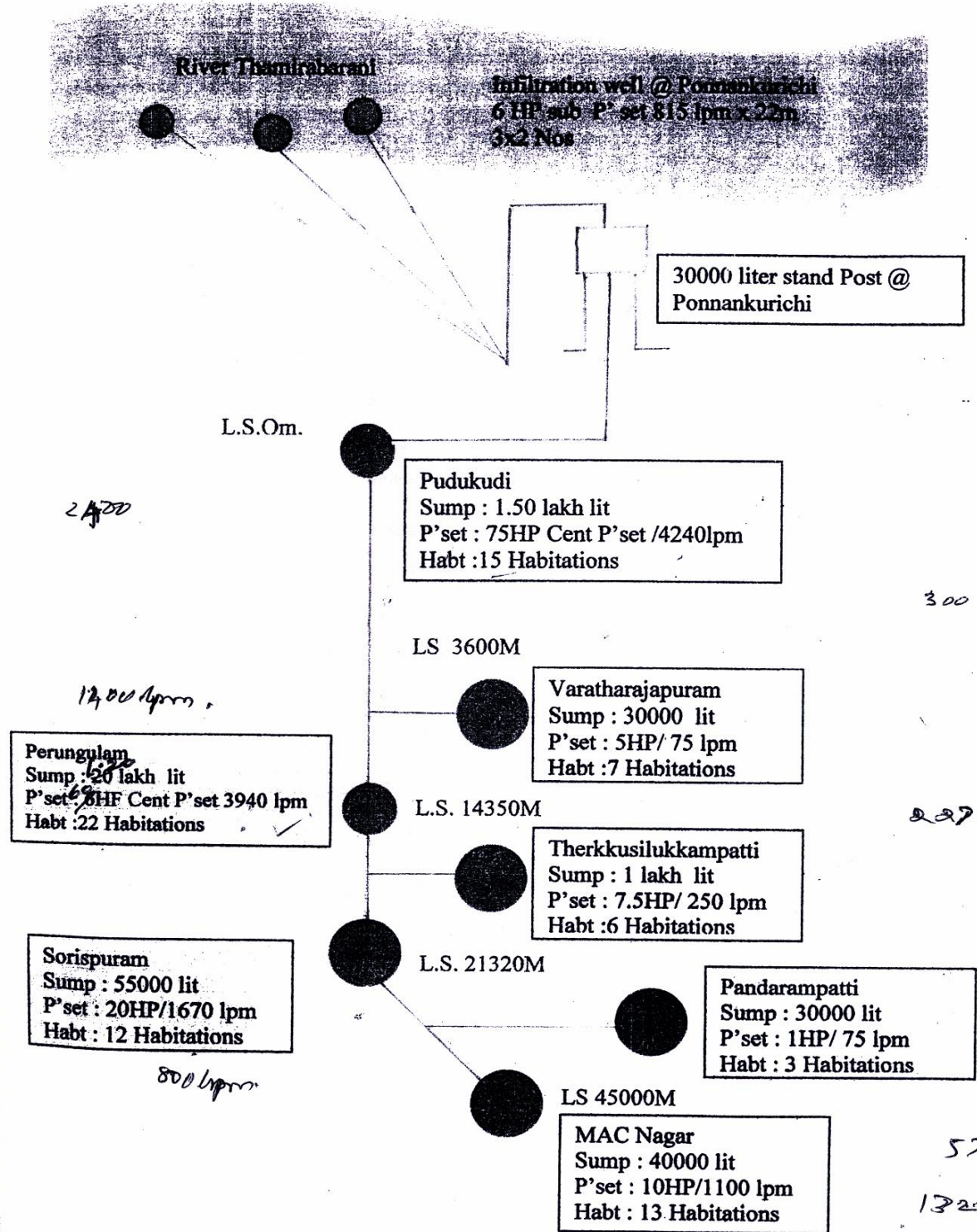
SALIENT DETAILS

C.W.S.S. TO Sawerpuram UTP, Perungulam RTP and 115 way side habitations in Thoothukudi District.

1	Scheme Cost		Rs.1320.00 Lakhs
2	Beneficiaries	:	2 Town Panchayats + 79 rural habs.
3	Populations	:	95,506
4	Designed Quantity		3.86 mld
5	Head works with Source details	:	River Thamiraparani @ ponnankurichi infiltration well - 3 Nos
6	Pumpset		
a	Type		sub.p'set - 3 Nos + 3 stand bye
b	Duty		6 HP x 815 lpm x 22m
c	Hours of Pumping		16 hours (Intermediate), 20 Hours (Ultima)
7	Treatment Plant		-
8	Transmission Main		
a	Pumping main -		350mm dial to 200mm AC Cl.10 pipe - 48 Km
b	Gravity main		---
9	Booster station @ Head work		
a	Sump with capacity		1.50 LL - 1, 1.20 LL - 1, 0.55 LL - 1, 0.40 LL - , 1.00 LL - 1, 0.30 LL - 2
b	Pumpset details		HW @ Srivaikundam 75 HP - 1, Perungulam Sump 60 HP - 1, Soorishpuram Sump 20 HP - 1,MAC Nagar 10 HP - 1 ,Thattaparai sump - 10HP - 1,Varatharajapuram- 5 HP - 1, Pandarampatti sump 1 HP - 1.

10	Feeder Mains:	---
11	No of Group sump with capacity	1.50 LL - 1, 1.20 LL - 1, 0.55 LL - 1, 0.40 LL - , 1.00 LL - 1, 0.30 LL - 2
12	Service Reservoirs with capacity	3.00 LL -1 No, 2.00 LL - 1, 0.10 LL - 29 Nos, 0.30. LL-17 Nos, 0.50 LL - 1 no and 0.60 LL - 7 Nos

CWSS TO SAWYERPURAM & PERUNKULAM & 115 VILLAGES IN THOOTHUKUDI DISTRICT



River Thamirabarani

infiltration well @ Ponnankurichi
6 HP sub P set 815 lpm x 22m
3x2 Nos

30000 liter stand Post @
Ponnankurichi

L.S.Om.

Pudukudi
Sump : 1.50 lakh lit
P set : 75HP Cent P set / 4240 lpm
Habt : 15 Habitations

LS 3600M

Varatharajapuram
Sump : 30000 lit
P set : 5HP/ 75 lpm
Habt : 7 Habitations

Perungulam
Sump : 20 lakh lit
P set : 6HP Cent P set 3940 lpm
Habt : 22 Habitations

L.S. 14350M

Therkkusilukkampatti
Sump : 1 lakh lit
P set : 7.5HP/ 250 lpm
Habt : 6 Habitations

Sorisapuram
Sump : 55000 lit
P set : 20HP/1670 lpm
Habt : 12 Habitations

L.S. 21320M

Pandarampatti
Sump : 30000 lit
P set : 1HP/ 75 lpm
Habt : 3 Habitations

LS 45000M

MAC Nagar
Sump : 40000 lit
P set : 10HP/1100 lpm
Habt : 13 Habitations

2A700

1200 lpm

800 lpm

300

3'60

2970

27

570

1325

3.60

342

171

2052

72
32