

## **SALIENT DETAILS**

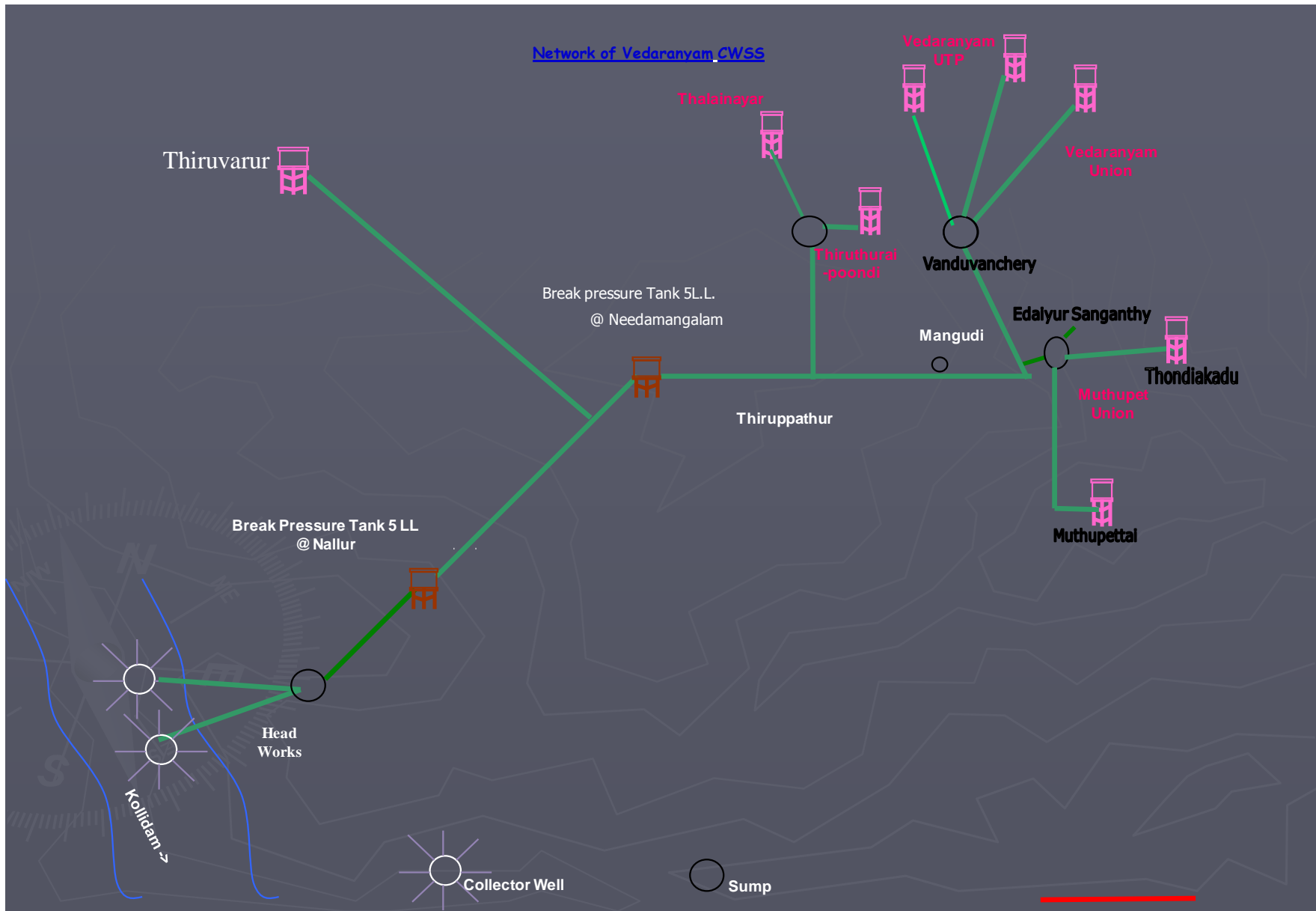
### **CWSS TO VEDARANYAM**

1	Scheme Cost	Rs.133.05 Crores
2	Beneficiaries	<b>THIRUVARUR DISTRICT</b> Thiruvarur MPTY Vedaranyam MPTY, Muthupet UTP 364 Rural habitations
3	Populations	343470
4	Designed Quantity	31.19 MLD
5	Head works with Source details	Collector well 2 Nos in River coleroon (Edaikudi and Thiruvaikkavur)
6	Pumpset	
a)	Type	Vertical Turbine Pumpset.
b)	Duty	14365 lpm X18m(80HP)-Collector well  14365 lpm X 35m(150 HP)-8m dia common sump.
c)	Hours of Pumping	20 Hrs.

7	Treatment Plant	_____
8	Transmission Main	
a)	Pumping Main	900 mm PSC -9Km
b)	Gravity Main	1100mm PSC -56 Km
		900 mm PSC -16Km
		800 mm PSC -15 Km
		600mm PSC - 12Km
9	Booster Station	
a)	Sump with capacity	Thiruvarur - 11.00 LL
		Edayur sanganthi - 11.00 LL
		Thiruthuraiipoondi - 3.00 LL
		Vanduvancheri - 11.00 LL
b)	Pumpset details	
i)	Thiruvarur	i.2840 lpm X 21m (20 HP)
		ii.2410 lpm X27m(25 HP)
ii)	Edayur sanganthi	i.4200lpmX44m(60HP)
		ii.1664lpmX20m(20HP)
iii)	Thiruthuraiipoondi	i.2700 lpmX20m(20HP)
		ii.2719 lpmX35m(35HP)
iv)	Vanduvancheri	1.5010lpm X 52m(90HP)

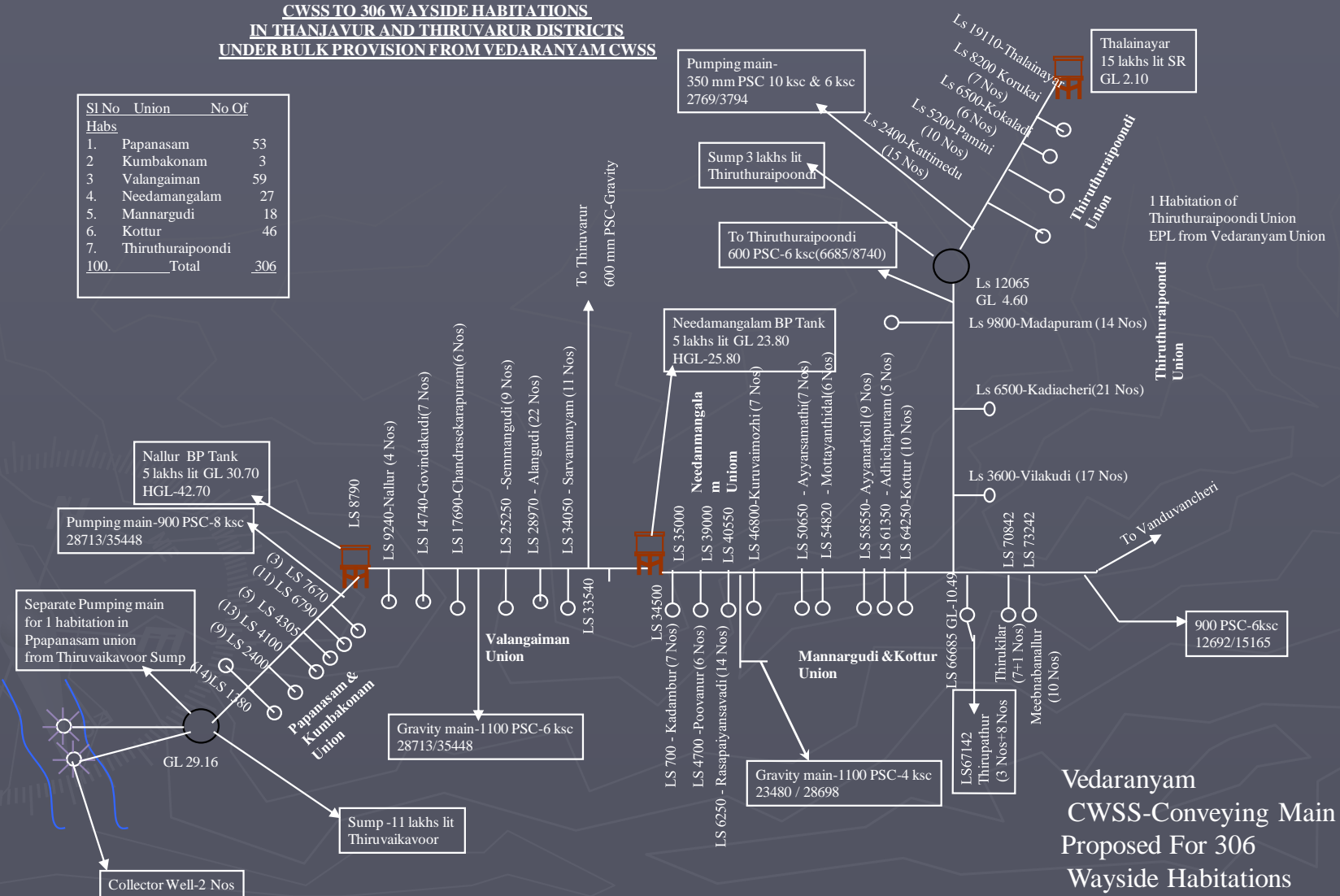
		ii.4225lpm X 45M(60HP)
		iii.4000lpm X 34m(45HP)
10	Feeder Main	438 Kms
11	No of Group sump with capacity	104 sumps(10,000 litres to 2.50 lakhs litres.)
12	Service Reservoirs with capacity	397 Nos (10000 litres to 1.00 LL )

Network of Vedaranyam CWSS



**CWSS TO 306 WAYSIDE HABITATIONS  
IN THANJAVUR AND THIRUVARUR DISTRICTS  
UNDER BULK PROVISION FROM VEDARANYAM CWSS**

Sl No	Union	No Of Habs
1.	Papanasam	53
2.	Kumbakonam	3
3.	Valangaiman	59
4.	Needamangalam	27
5.	Mannargudi	18
6.	Kottur	46
7.	Thiruthuraipoondi	
100.	Total	306



**Vedaranyam  
CWSS-Conveying Main  
Proposed For 306  
Wayside Habitations**