

**SALIENT DETAILS**  
**SALANGAPALAYAM C.W.S.S.**

1 Scheme Cost : Rs. 752.00 Lakhs  
2 Beneficiaries

Name of Panchayat	No. of Habitations
a. Salangapalayam RTP	1
b. P.Mettupalayam RTP	1
c. Periyapuliyur VP	21
d Odathurai VP	13
e. Kavundapadi VP	36
f. Alathur Vp	12
g Perunthalaiyur VP	5
h. Siruvalur VP	19
i. Vellankoil VP	3
j. Pandiampalayam VP	13
TOTAL	124

3 Population : 49,480

4 Designed Quantity : 2.97 mld

5 Head works with Source details : Surface water in River Bhavani with Collection Well dia - 5 m at Kuttipalayam

6 Pumpset

a) Type : Openwell Submersible Pumpset

b) Duty : 3610 lpm x 31m head

c) Hours of Pumping : 16 Hours

7 Treatment Plant (with Units Details )

a) Location : Kuttipalayam of Perunthalaiyur panchayat  
( S.F.No. 414 (part)

b) Capacity : 4.00 MLD

- c)Rapid Sand Filter Beds : 4 Nos (4.50 m X 6.00 m )
  - d. Clear water sump : 2.50 LL, Pumproom size (3m x 3m)
  - e) Pumpsets details : (i) 20HP (1524 lpm x 59m head) - 2 Nos.  
: (ii) 10HP (402 lpm x 57m head) - 2 Nos.  
: (iii) 10HP (386 lpm x 59m head) - 2 Nos.
- 8 Transmission Main
- a Pumping main : 74.03 Km
  - b Gravity main : 3.58 Km
- 9 Booster station
- a Sump with capacity : i) 1.50 LL at Minnavettuvampalayam  
: ii) 1.00 LL at Ayyanarkoil  
: iii)0.30 LL at Kolathupalayam  
iv)0.30 LL at Chinnamoopanpudur (Siruvalur)
  - b Pumpset details :  
(i) At Minnavettuvampalayam : (i) 45HP OWS (1830 lpm x 55m) 2 Nos.  
: (ii) 7.5HP OWS (331 lpm x 52m) 2 Nos.  
(ii) At Ayyanarkoil : (i) 20HP OWS (763 lpm x 59m) 2 Nos.  
: (ii) 6HP OWS (302 lpm x 28m )2 Nos.  
(iii) At Kolathupalayam : (i) 10HP OWS (412 lpm x 49m)2 Nos.  
(iv) At Chinnamoopan pudur ( Siruvalur) : (i) 5HP OWS (161 lpm x 57m)2 Nos.  
: (ii) 3HP OWS (115 lpm x 54m)2 Nos.
- 10 Feeder Mains: : 56.20 Km

11	Service Reservoirs with capacity	
	10,000 Litres	: 30 Nos.
	30,000 Litres	: 47 Nos.
	60,000 litres	: 16 Nos.
	1,00,000 litres	: 3 Nos.
	2,00,000 litres	: 1 No.
	Total	97 Nos.



