

SALIENT DETAILS
NALLAMPATTY C.W.S.S.

1	Scheme Cost	:	Rs. 1247.20 Lakhs
2	Beneficiaries		
	Name of Panchayat		No. of Habitations
	a. Nallampatty RTP	:	1
	b. Pallapalayam RTP	:	1
	c. Kanjikoil RTP	:	1
	d. Pethampalayam RTP	:	1
	e. Thudupathi VP	:	19
	f. Seenapuram VP	:	27
	g. Pattakaranpalayam VP		10
	h. Periyapuliyur VP	:	4
	TOTAL		64
3	Population	:	107671
4	Designed Quantity	:	4.93 mld
5	Head works with Source details	:	Surface water in River Bhavani with Collection Well cum pumphouse dia - 6m at Siraimeetanpalayam
6	Pumpset		
a	Type	:	Vertical Turbine
b	Duty	:	3752 lpm x 60 m head
c	Hours of Pumping	:	23 Hours
7	Treatment Plant (with Units Details)		
	a. Capacity	:	7.165 MLD
	b. Rapid Sand Filter Beds	:	4 Nos (2.40 m X 3.50 m)
	c. Clear water sump	:	1.50 LL
	d. Pumpsets details	:	105 HP HSC (3630 lpm X 68 m) 2Nos
8	Transmission Main		
a	Pumping main	:	34.93 Km

b Gravity main : 3.54 Km

9 Booster station

a Sump with capacity : (i) 1.20 LL
: (ii) 44000 Lits
: (iii) 22000 Lits

b Pumpset details :
(i) At Kanjikoil : 75HP HSC (2569 lpm x 65m head) -
Sump : 2 Nos.
(ii) At Rakkiavalasu : 30HP HSC (1074 lpm x 56m head) -
: 2 Nos.
(iii) At Seenapuram : 15HP HSC (631 lpm x 50m head) -
: 1 No.

10 Feeder Mains: : 63.73 Km

11 No of Group sump with capacity : 1.00 LL - 2 Nos.(one at Rakkiavalasu and another at Seenapuram)

12 Service Reservoirs with capacity

Sintex : 2 Nos.

10,000 Litres : 8 Nos.

30,000 Litres : 44 Nos.

60,000 litres : 16 Nos.

1,00,000 litres : 4 Nos.

1,50,000 litres : 2 Nos.

2,00,000 litres : 1 No.

Total 77 Nos.

