

SALIENT DETAILS
NAGALUR C.W.S.S.

- 1 Scheme Cost : Rs.680.00 Lakhs
- 2 Beneficiaries :
- | Name of Village Panchayat | No. of Habitations |
|---------------------------|--------------------|
| a. Nagalur | 15 |
| b. Chinnathambipalayam | 19 |
| c. Michelpalayam | 27 |
| Total | 61 |
- 3 Population : 16275
- 4 Designed Quantity : 1.57 mld
- 5 Head works with Source details : Collection well cump
pumphouse at River Bhavani
a Kaikatti in Anthiyur Union
- 6 Pumpset
- a Type : Turbine Pumpset
- b Duty : 20HP (2168 lm x 22m head) 2 Nos.
- c Hours of Pumping : 16 Hours
- 7 Treatment Plant (with Units Details)
- a. Capacity : 2.60 MLD
- b. Aerator : 3.50 m dia
- c. Stilling chamber : 2.0 x 1.50 x 1.50m
- d. Flash mixer : 1.20m dia
- e. Carifloculator : 12m dia
- f. Filter Beds : 3.35 x 2.50m - 4 Nos.
- g. Chemical House : a) Alum & lime tank
: b) Lab
: c) Washwater Tank (130 m³ cap.)

- 8 Transmission Main
 - a Pumping main : 19030 m
 - b Gravity main : --

- 9 Booster station
 - a Sump with capacity
 - (i) Clear Water at T'plant : 1,00,000 lit.
 - (ii) At Muniappampalayam : 1,00,000 lit.
 - (iii) At Michelpalayam : 80,000 lit.
 - (iv) At Gandhinagar : 10,000 lit.

 - b Pumpset details :
 - (i) Clear Water at T'plant : 40HP HSC (2062 lpm x 55m) 2 Nos.
 - (ii) At Muniappampalayam : 30HP HSC (1570 lpm x 41m) 2 Nos.
10HP HSC (492 lpm x 62m) 2 Nos.
 - (iii) At Michelpalayam : 40HP HSC (949 lpm x 62m) 2 Nos.
5HP HSC (185 lpm x 41m) 2 Nos.
 - (iv) At Gandhinagar : 5HP HSC (505 lpm x 41m) 2 Nos.

- 10. Feeder Mains : 33162 m
- 11 Service Reservoirs : 32 Nos
 - 1,50,000 Litres : 1 No
 - 1,00,000 Litres : 3 Nos
 - 60,000 litres : 13 Nos.
 - 30,000 Litres : 10 Nos.
 - 10,000 Litres : 5 Nos.

