

SALIENT DETAILS

CWSS to Nathiyanur and 20 other Habitations

1. Scheme cost : Rs. 272.5 lakhs
2. Beneficiaries : Habitations – 21 Nos
3. Population : 14868
4. Design Quantity : 0.8 mld
- 5 Head Works
- Source : Infiltration well - 1 No. in river Coleroon near Nariyanur.
- a) Dia : 4.5 M inner
- b) Depth : 8 M
- c) Yield : 1800 lpm
- d)
6. Pump set in Infiltration well : 30 HP Submersible Pump sets - 2 Nos.
Each 1590 lpm x 52 M (One number standby)
7. Control Room : Masonry control room of size
2.40 M x 1.8 M – 1 No.
- 8 a. Pumping Main : 250MM CI LA Class pipe – 200 M
250MM AC Class 15 pipe – 3559 M
200MM AC Class 15 pipe – 4967 M
150MM AC Class 15 pipe – 927 M
140MM OD PVC 4 KSC pipe -- 980 M
Total -- 10633 m
- b. Branch Pumping main : 90MM OD PVC 4 KSC pipe – 339 M
9. Booster pumping station : at Sundakudi at LS 10633 M
- a. Sump : Dia : 4 M
Depth : 3 M

Capacity : 40000 Ltrs.

Detention Period : 1 Hr

- b. Control Room : Masonry Control Room of size 3 M x 3 M 1 No.
 - c. Pump set : 7.5 HP Centrifugal Pump set 2 Nos.
Duty – 540 lpm x 32 M
(one number as stand by)
 - d. Electrician Quarters : One number
 - e. Watchman Quarters : One number
 - f. Booster main an
Booster Branch main : A total length of 9822 M is laid with PVC pipes
varying from 140MM OD PVC 4 KSC to
63MM OD PVC 4 KSC
10. Service Reservoirs : RCC Overhead tanks
- 10000 Lit.Capacity - 1 No.
 - 30000 Lit.Capacity - 13 Nos.
 - 60000 Lit.Capacity - 6 Nos.
 - 1 Lakh Lit.Capacity - 1 No.
 - Total - 21 nos.

CWSS TO NATHIYANUR AND 20 OTHER HABITATIONS IN ARIYALUR DISTRICT

