

## SALIENT DETAILS

### C.W.S.S. TO COIMBATORE WATER SUPPLY AUGMENTATION SCHEME WITH SIRUVANI AS SOURCE

- 1 Scheme Cost
  - a) Installation cost : Rs. 2196 lakhs
- 2 Beneficiaries : Corporation - 1 No.  
Municipalities - 3 Nos.  
Town Panchayats - 9 Nos.  
Habitations - 28 Nos.
- 3 Populations : 972627
- 4 Designed Quantity : 101.40 mld
- 5 Head works with Source : WTP at Siruvani Adivaram with Siruvani  
details as source
  - a **In take tower** : 6.00 m dia – 29.50 m Height
  - b **Tunnel**
    - Size : 1.80 x 2.10 m
    - Length : 1.55 km
  - c **Pickup weir**
    - Length of Anaiyar Stream : 1.60 km

Length of weir	:	12 m x 1.40 Height
Collection well	:	3.00 m Dia
6 Pumpset		Does not arise since in gravity type
a Type		
b Duty		
c Hours of Pumping		24 hours supply by gravity
7 Treatment Plant (with Units Details )		101.4 mld full scale WTP at Siruvani Adivaram (16 Nos. Filter bed)
8 Clear water Reservoir	:	45 LL Capacity
9 Transmission Main		
a Pumping main		--
b Gravity main		1000 mm PSC pipe - 31.30 km
c Break pressure Tank		6.00 m dia x 10.80 m
10 Booster station	:	---
11 Feeder Mains:		63 km
12 Service Reservoirs with capacity		24 Nos

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