

## **CWSS TO SENDRAYANPALAYAM AND 4 OTHER HABITATIONS IN POONDI UNION**

1. Scheme cost : Rs 62.40 Lakhs
2. Beneficiaries : 5
3. Population : 4208
4. Designed quantity : 0.17mld
5. Head Works
6. Source details : Infiltration well - 1 No. at  
Kosasthalai river  
  
(3.50 m dia. and 4.50 m depth)-Yield :  
500 lpm
7. Pumpsets: : 15 HP Submersible -2 Nos. (1No.  
stand by)  
  
500 lpm x 68 m Head
8. Hours of pumping : 12 Hours
9. Transmission main  
a) Pumping Main : 12,440 m  
  
125 mm CI LA CI pipes - 390 m  
140 mm PVC 4 KSC pipes - 4350 m  
110 mm PVC 4 KSC pipes - 3380 m  
90 mm PVC 4 KSC pipes - 4240 m

100 mm GI pipes - 80 m

10. Booster station :

a) Sump with capacity : 0.15 lakh Litres – 1 No

b) Pumpset details : 15 HP Centrifugal -2 Nos. (1 No. stand by)

500 lpm x 78 m Head

10. Service Reservoirs with capacity :

Sl.No.	Name of Panchayat	Name of Habitation	OHT cap.(in lit.)
1	Sendrayanpalayam	Sendrayanpalayam	30,000
2	Sendrayanpalayam	Sendrayanpalayam colony	30,000
3	Sendrayanpalayam	Mettupalayam	60,000
4	Thirupair	Thirupair	30,000
5	Thirupair	Thirupair colony	30,000

### FLOW DIAGRAM

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