

CWSS TO PUDUKUPPAM AND 6 OTHER HABITATIONS IN MINJUR UNION

1. Scheme cost : Rs 21.50 Lakhs
2. Beneficiaries : Habitations – 7Nos.
3. Population : 4975
4. Designed quantity : 0.16mld
5. Head Works
6. Source details : Bore wells – 3Nos.
7. Pumpset:

S.No	source	size in mm	Depth in m	Yield in lpm	Pump set Details
1.	BW1	150	40	105	7.5 HP Sub- 100 lpm x 60 m
2.	BW2	150	35	105	7.5 HP Sub- 100 lpm x 60 m
3.	BW3	150	35	135	5HP Sub- 100 lpm x 50 m

8. Hours of pumping : 16 Hours

9. Sump :

Sump : Capacity : 0.20 lakh Litres – 1 No (3.20 m dia & 2.50 m
Depth)

Pump set : 7.50 HP Centrifugal -2 Nos (1 No stand by)

Duty : 300 lpm x 50 m Head

10. Transmission main

(a) Pumping Main : 7,620 m

140 mm PVC 4 KSC pipes- 1000 m

110 mm PVC 4 KSC pipes- 6000 m

90 mm PVC 4 KSC pipes – 620 m

11. Service Reservoirs with capacity :

Sl.No	Name of Panchayat	Name of Habitation	OHT cap.(in lit.)
1	Kallur	<u>Kallur</u>	60,000
2	Kallur	<u>Kallur colony</u>	10,000
3	Kallur	<u>Keerapakkam</u>	10,000
4	Kallur	<u>Keerapakkam colony</u>	10,000
5	Kallur	<u>Pudukuppam</u>	60,000
6	Kallur	<u>Sirumbur</u>	--
7	Seliambedu	<u>Pallipalayam</u>	30,000

G.W.S.S TO PUDUKUPPAM AND SIX OTHER HABITATIONS IN MINJUR UNION

FLOW DIAGRAM

