

## **CWSS TO REDDIPALAYAM AND 10 OTHER HABITATIONS IN MINJUR UNION**

1. Scheme cost : Rs 35.50 Lakhs
2. Beneficiaries : Habitations – 11Nos.
3. Population : 2865
4. Designed quantity : 0.12mld
5. Head Works
6. Source details : Bore wells – 3Nos.

7. Pumpsets:

S.No	source	size in mm	Depth in m	Yield in lpm	Pump set Details
1.	BW1	200	50	100	5.0 HP Sub- 100 lpm x 50 m
2.	BW2	150	42	135	5.0 HP Sub- 150 lpm x 50 m
3.	BW3	150	54	135	3.0 HP Sub- 150 lpm x 50 m

8. Hours of pumping : 12 Hours

9. Sump

Sump Capacity : 0.10 lakh Litres – 1 No (2.50 m dia & 2.00 m  
Depth)

Pump set : 3.00 HP Submersible -2 Nos (1 No stand by)

Duty : 175 lpm x 40 m Head

10. Transmission main

(a) Pumping Main : 11,701 m

110 mm PVC 4 KSC pipes- 1028 m

90 mm PVC 4 KSC pipes - 7321m

75 mm PVC 4 KSC pipes – 1332 m

63 mm PVC 4 KSC pipes – 2020 m

11. Service Reservoirs with capacity :

Sl. No	Name of Panchayat	Beneficiaries Name of Habitation	OHT capacity (in litres)
1	Poongulam	Poongulam Colony	10,000
2	Poongulam	Reddipalayam	30,000
3	Poongulam	Reddipalayam Colony	
4	Poongulam	Reddipalayam I/C	
5	Poongulam	China Mangodu Kuppam	30,000
6	Poongulam	China Mangodu	30,000
7	Kallur	Kallur	60,000
8	Kallur	Kallur Colony	10,000
9	Kallur	<u>Peria Mangodu</u>	60,000
10	Kallur	<u>Pudukuppam</u>	60,000
11	Kallur	<u>Kallur Chinna Colony</u>	10,000

## FLOW DIAGRAM

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