

**CWSS TO KADALUR – KOOVATHUR IN LATHUR UNION IN CHENGALPET**

**DISTRICT**

**SALIENT DETAILS**

1. Head Works with source details : As detailed below

S.No	source	size in m	Depth in m	Yield in lpm
1	Infiltration well	4.50	9.00	750

2. Pumpset from Infiltration well – 1 No to Sump  
Type : Submersible  
Duty : 5 HP 500 lpm x 20m head  
Cable : 50sqmm 3 core Aluminium armoured cable

b. Pumpset from Sump to Service Reservoir

i. Type : Submersible Pumpset  
Duty : 3HP 150 lpm x 40m head to  
Parasanallur & Parasanallur colony  
ii. Type : Submersible Pumpset  
Duty : 3 HP 150 lpm x 40m head to  
Poigainallur  
iii. Type : Submersible Pumpset  
Duty : 3 HP 150 lpm x 40m head to  
Solaikattu

c. Sump Capacity : 0.40 LL  
Hours of Pumping : 12 hours for original scheme

3. Transmission main

Connecting main  
150mm CI pipe : 300m

Pumping main

250mm AC CL 10 Pipe (to Koovathur-delinked ) : 3620m(damaged)

90mm PVC 4 KSC Pipe : 3450m

4. Service reservoir with capacity.

Sl. No .	Union	Panchayat	Habitation	Design quantity
1.	Lathur	Thandarai	Poigainallur	0.30LLD
2.	Lathur	Sembur	Parasanallur	0.30LLD
3	Lathur	Sembur	Parasanallur Colony	
4.	Lathur	Parameswara Mangalam	Solaikattu	0.30LLD

**CWSS TO SEMBUR – THANDARAI IN LATHUR UNION IN CHENGALPET**

**DISTRICT**

**SALIENT DETAILS**

1. Head Works with source details : As detailed below

S.No	Source	size in mm	Depth in m	Yield in lpm
1.	Borewell	150	20.00	300

2. Pumpset

Type : Submersible  
Duty : 7.50 HP 300 lpm x 50m head  
Cable : 35sqmm 3 core aluminium armoured  
Sump Capacity : -----  
Hours of Pumping : 8 hours

3. Transmission main  
Connecting main

100mm G.I. Pipe : 250m

Pumping main

90mm PVC 4 Ksc Pipe : 5147m

4. Service reservoir with capacity.

Sl. No.	Union	Panchayat	Habitation	S.R. Capacity
1.	Lathur	Thandarai	Thandarai Village	0.30LL
2.	Lathur	Sembur	Sembur Village	0.60LL
3	Lathur	Sembur	Keelneerpallam	0.30LL