

**CWSS TO VAIYAVOOR – KALLAPIRANPURAM AND 18 OTHER
HABITATIONS IN MADURANTHAGAM 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	3.50	8.0	700

2. Pumpset

Type : Submersible

Duty : 10 HP 259 lpm x 70m head

Hours of Pumping : 16 hours

Cable : 50sqmm 3 core aluminium armoured cable

3. Transmission main

Connecting main:

100mm DI K7 pipe : 130m

Pumping main

110mm PVC 4 KSC Pipe : 2586m

90mm PVC 4 KSC Pipe : 1232m

75mm PVC 4 KSC Pipe : 1567m

63mm PVC 4 KSC Pipe : 300m

4. Booster Station

a. Sump with Capacity : 10000 Litres

b. Pumpset Details

Type : Submersible for Vaiyavoor main

Duty : 3 HP 72 lpm x 50m head

Type : Submersible for Kallabiranpuram main

Duty : 3 HP 59 lpm x 50m head

5. Feeder main

75mm PVC 4 KSC Pipe : 4000m

63mm PVC 4 KSC Pipe : 3522m

50mm PVC 6 KSC Pipe : 6658m

6. Service reservoir with capacity.

Sl. No.	Union	Panchayat	Name of Beneficiary	S.R Capacity
1	Maduranthagam	Padalam	Padalam	1.0LL
2	Maduranthagam	Palayanur	Palayanur	1.00LL
3	Maduranthagam	Palayanur	Palayanur Kulakarai	
4	Maduranthagam	Palayanur	Palayanur Colony	0.60LL
5	Maduranthagam	Vaiyavoor	Vaiyavoor	0.60LL
6	Maduranthagam	Vaiyavoor	Vaiyavoor Colony	
7	Maduranthagam	Vaiyavoor	Kollambakkam	0.30LL
8	Maduranthagam	Vaiyavoor	Chinna Kollambakkam	
9	Maduranthagam	Vaiyavoor	Kollambakkam Colony	0.30LL
10	Maduranthagam	Vaiyavoor	Mossivakkam	0.60LL
11	Maduranthagam	Vaiyavoor	Pettai	
12	Maduranthagam	Vaiyavoor	Malaivaiyavoor	0.30LL
13	Maduranthagam	Vaiyavoor	Malaivaiyavoor old Colony	
14	Maduranthagam	Vaiyavoor	Malaivaiyavoor new Colony	
15	Maduranthagam	Vaiyavoor	Mambattur	0.30LL
16	Maduranthagam	Vaiyavoor	Vettaikarankudiiruppu	0.30LL
17	Maduranthagam	Kallpiranpura m	Kallpiranpuram	0.60LL
18	Maduranthagam	Kallpiranpura m	Kallpiranpuram Colony	0.30LL
19	Maduranthagam	Kallpiranpura m	Valluvapakkam	
20	Maduranthagam	Kallpiranpura m	Neikuppi	0.30LL

CWSS TO BUDUR - THATCHUR IN MADHURANTHAGAM 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	Bore well (under SDRF 2019)	150	20.00	300

UNDER SDRF 2019

Type : Submersible
Duty : 7.50 HP 300 lpm x 50m head (2nos)
Sump Capacity : -----
Hours of Pumping : 8 hours
Cable : 70sqmm 3 core Aluminium armoured cable

2. Transmission main

Connecting main

90mm HDPE Pipe : 810m

Pumping main

100mm GI medium Pipe : 540 m

110mm PVC 4 Ksc Pipe : 100 m

90mm PVC 6 Ksc Pipe : 4064 m

Sl. No.	Union	Panchayat	Name of Beneficiary	S.R. Capacity
1	Maduranthagam	Keelavalam	Keelavalam	0.30 LL
2	Maduranthagam	Ariyapakkam	Ariyapakkam	0.30 LL

CWSS TO MURUKKANCHERI – VALARPIRAI IN MADHURANTHAGAM 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.	Open well	3.0	11.00	120

2. Pumpset

a. Openwell

Type : Submersible

Duty : 3.0 HP 100 lpm x 25m head

b. Sump Capacity : -----

Hours of Pumping : 8 hours

3. Transmission main

Pumping main

90mm PVC 4 Ksc Pipe : 250m

Sl. No.	Union	Panchayat	Name of Beneficiary	S.R. Capacity
1	Maduranthagam	Kavathur	Murukancheri	0.30 LL
2	Maduranthagam	Munnithikuppam	Valarpirai	