

CWSS to Dindigul

1. Scheme Cost	:	Rs.85.04 crores
2. Beneficiaries	:	Municipality – 1 No. Town Panchayats – 4 Nos.
3. Population	:	248978
4. Designed Qty	:	9.60 mld
5. Head works		
Source	:	Cauvery river
Off take arrangements	:	2 Nos of collector well cum pump house with radial arms
Yield	:	22.5 mld each
Sump	:	25 lakh litres capacity
Pump set	:	a) 2 Nos o Turbine 70 HP at each collector well 13500 lpm x 19 m (1 NO standbye) b) 5 Nos of Turbine 170 HP – 9000 lpmx69 m (2 Nos stand bye) 3 run in parallel
6. Hours of pumping	:	20 Hours 20 Hours
7. Rate of Pumping	:	27000 lpm 36000 lpm
8. Pumping main	:	Total length : 84235 metres. 1000 mm PSC 12,14,16 KSC – 14220 m 900 mm PSC 4,6,8,10,12 KSC – 50485 m 800 mm PSC 6,8,10,12 KSC – 19530 m
9. Booster stations	:	5 Nos
AT VELLIANAI		
Sump	:	25.00 lakh litres capacity
Pump house	:	Collection well cum pump house 10 m dia
Pump set	:	3 Nos of Turbine Pumpset 100 HP (2Nos in parallel) 13200 lpm x 33 (1 No. standbye)
AT D.GUDALUR		
Sump	:	25.00 lakh litres capacity

Pump house : Collection well cum pump house 10 m dia
Pump set : 3 Nos of Turbine Pumpset 120 HP (2Nos in parallel)
12800 lpm x 34(1 No. standbye)

AT PALAYAM

Sump : 25.00 lakh litres capacity
Pump house : Collection well cum pump house 10 m dia
Pump set : 3 Nos of Turbine Pumpset 180 HP (2Nos in parallel)
12800 lpm x 51 (1 No. standbye)

GUJILIAMPARAI

Sump : 25.00 lakh litres capacity
Pump house : Collection well cum pump house 10 m dia
Pump set : 3 Nos of Turbine Pumpset 140 HP (2Nos in parallel)
12516 lpm x 28 (1 No. standbye)

AT ERIODU

a) TO DINDIGUL SUMP

Sump : 25.00 lakh litres capacity
Pump house : Collection well cum pump house 10 m dia
Pump set : 2 Nos of Turbine Pumpset 190 HP
19200 lpm x 36(1 No. standbye)

b). TO SUMP AT KOMBERIPATTI

Pump set : 2 Nos of Turbine Pumpset 100 HP
4892 lpm x 36 (1 No. stand bye)

c) RECEIVING SUMP AT DINDIGUL

Sump : 25.00 lakh litres capacity
Pump house : Collection well cum pump house 10 m dia
Pump set : 2 Nos of Turbine Pumpset 25 HP
596 lpm x 25 (1 No. standbye)
2 Nos of Turbine pump set 85 HP (1 No standbye)
7461 lpm x 42 m

10. Booster main/ Branch main / Feeder main

DINDIGUL MUNICIPALITY

- a) Feeder main I : 400 PSC, 300 mm AC , 250 mm AC - 6265 m
Branches : 150 mm CI, 200 mm AC, 150 mm AC - 820 m
- b) Feeder main II : 450 mm PSC, 400 mm PSC, 250 mm, 200mm, 150 mm AC - 4905 m
Branches : 250 mm CI to 125 mm CI, 200 mm AC, 150 mm AC - 1605 m

ERIODU RTP

- Master Service Reservoir : 5.00 Lakhs litres – 1 No.
Feeder main : 63 mm to 110 mm PVC Pipes- 11285 m

KOMBERIPATTY

- Master Service Reservoir : 5.00 Lakhs litres – 1 No.
Pumping main from Eriodu : 450 mm 350 mm PSC and 250 AC pipes -8070m
B'main to Vadamadurai : 200 mm CI, 250 mm AC - 9410 m
Gavity main from Eriodu MSR to Thadicombu : 250 mm AC & 200 mm AC - 19130m

THADICOMBU

- Sump : 5.00 Lakh Litres
Pumping main : 63 mm to 110 mm PVC pipe - 35795 m
Pump set : 2 Nos of 4.00 Hp centrifugal-250 lpm x 34 m (1 No standby)
; 2 Nos of 4.00 Hp centrifugal-282 lpm x 35 m (1 No standby)
: 2 Nos of 4.00 Hp centrifugal-166 lpm x 30 m (1 No standby)

AGARAM

- Sump : 2.00 lakh litres – 1 No
Pump set : 2.00 Hp – 253 lpm x 14 m
2.00 Hp – 177 lpm x 25 m
Pumpset : 2 NOs of 10 HP Centrifugal 558 lpm x 40 m (1 No standby)

- iii) Feeder Main – I : Length-10916 metres (63 mm to 140 mm PVC pipes)
Feeder Main – II : 12715 – (63 mm to 110 mm PVC Pipes)
Feeder Main – III : 9520 m – (63 mm to 110 mm PVC pipes)

IV VADMADURAI RTP

Sump	:	10.00 lakhs litres – 1 No
Pump room	:	11.00 x 8.70 metres – 1 No
Pumping main	:	Pumping main – I = 1055 metres Pumping main – II = 9870 metres Pumping main – III = 13810 metres (50 mm to 110 mm PVC pipe)
Pump set	:	Pumping main I – 2 Nos of 3.00 Hp Centrifugal 298 lpm x 23 m (1No standby) Pumping main II-2 Nos of 4.00 HP Centrifugal 219 lpm x 32 m (1 No standby) Pumping main III-2 Nos of 3.00 HP Centrifugal 162 lpm x 3 m (1No standby)

11.Service Reservoir :

Dindigul Municipality	32,00,000 Lit. - 1 No. 15,00,000 Lit. - 2 Nos. 10,00,000 Lit. - 3 Nos. 5,00,000 Lit. - 2 Nos. 4,00,000 Lit. - 1 No. 3,00,000 Lit. - 1 No. 2,25,000 Lit. - 1 No.
-----------------------	---

Eriodu	10,000 Lit. - 1 No. 30,000 Lit. - 2 Nos. 60,000 Lit. - 3 Nos.
--------	---

Thadikkombu	10,000 Lit. - 13 Nos. 30,000 Lit. - 8 Nos. 60,000 Lit. - 1 No. 1,00,000 Lit. - 1 No.
-------------	---

Agaram T.P.	10,000 Lit. - 8 Nos. 30,000 Lit. - 14 Nos. 60,000 Lit. - 5 Nos.
-------------	---

Vadamadurai	10,000 Lit. - 3 Nos. 30,000 Lit. - 7Nos. 60,000 Lit. - 3 Nos. 1,00,000 Lit. - 2 Nos.
-------------	---

**CWSS to Dindigul Municipality, Natham UTP, 5 RTPs
& 764 Habs In Dindigul District & 52 Habs
In Karur District**

FLOW DIAGRAM

