

SALIENT DETAILS

CWSS TO IRUNGALUR AND 24 HABITATIONS IN LALGUDI, MANNACHANALLUR UNIONS OF TRICHYR DISTRICT

1	Scheme cost	Rs.65.54 Lakhs
2	Beneficiaries	Habitations - 24 Nos
3	Population	23700
4	Designed quantity	1.44 mld
5	Hours of Pumping	23
6	Head Works at Manamedu	
a	Infiltration Well -1 No.	4.50 m
	Diameter	7.50 m
	Depth	2130 lpm.
	Yield	
b	Pumpset:	
	Infiltration Well	30 HP Sub 1140 lpm x 75 m - 1No
7	Pumping main:	
	250 mm CI A CL.PIPE	185 m
	200 mm AC CL.15PIPE	4345 m
	200 mm AC CL.10PIPE	4520 m
	150 mm AC CL.10PIPE	4650 m
	125mm AC CL.10PIPE	300 m
	200 mm AC CL.10PIPE	900 m
		14900 m
8 i)	Booster Station at Echampatti	
	Collection sump and pump room:	
	Sump capacity	10000 Lit.
	Diameter	: 2.5m
	Storage depth	: 2.00m.
	Pumpset:	: 7.5 HPCentri 250lpm x 50 m (1 + 1)
		: 5 HP Centri 250 lpm x50 m-1
ii)	Booster Station at Irungalur	

Collection sump and pump room:

Sump capacity : 20000 Lit.
Diameter : 3.500m
Storage depth : 2.00m.
Pumpset: : 5 HP Centri 250 lpm x50 m-1

iii) Booster Station at Rajampalayam

Collection sump and pump room:

Sump capacity : 10,000 Lit.
Diameter : 2.50m
Storage depth : 2.00m.
Pumpset: : 2 HP Centri 130 lpm x30 m-1

9 Service Reservoirs	4.00 LL	1 No
	1.00 LL	1 No
	0.60 LL	8 Nos
	0.30 LL	6Nos

**CWSS TO IRUNGALUR, DEVIMANGALAM S.KANNANUR RTP, AND
OTHER HABITATIONS IN LALGUDI AND MANNACHANALLUR UNION,
FLOW DIAGRAM**

