

## CWSS TO 127 HABITATIONS IN KULITHALAI AND THOGAMALAI UNIONS

<b>1. Installation cost</b>	:	Rs. 1053 Lakhs
<b>2. Beneficiaries</b>	:	Habitations - 127 Nos.
<b>3. Population</b>	:	54560
<b>4. Designed Quantity</b>	:	3.49 mld
<b>5. Headworks</b>		
<b>Source</b>	:	Cauvery River Infiltration well – 3 Nos.
<b>Pumpset</b>	:	7.5 HP OW Submersible - 970 lpm x 19 m – 6 Nos. (3Nos. Stand by)
<b>Sump</b>	:	2.00 LL
<b>Connecting main</b>	:	200mm CI LA Cl. Pipe – 810 m
<b>6. Main Pumpset</b>	:	35 HP HSC - 2911 lpm x 33 m – 2 Nos. (1No. Stand by)
<b>7. Pumping Hours</b>	:	20 Hours
<b>8. Pumping Main</b>	:	
		350 mm PSC 8 KSc    5600m
		350 mm PSC 6 KSc    1300m
		350 mm PSC 4 KSc    7430m
		300 mm AC CL 15    3140m
		200 mm AC CL 15    9140m
		150 mm AC CL 15    6630m
		140 mm PVC 6 KSc    2462m
		140 mm PVC 4 KSc    27468m
		110 mm PVC 4 KSc    2190m
		90 mm PVC 4 KSc    1815m
		75 mm PVC 4 KSc    1240m
		63 mm PVC 4 KSc    500m
	<b>Total</b>	<b>68915 m</b>

### 8. Booster

Location	Capacity
Poyyamani	1,50,000
Inungur	2,50,000
Keelapatti	1,50,000
Panickampatti	1,50,000
Rathinathampatti	1,50,000
Kallai	60,000
Sukkampatti	60,000
Melapatti	1,00,000
Vellamadai	1,50,000
Puthur VRO Colony	2,50,000
Desipatti	60,000
R.T.Malai	30,000
Keelaveliyur	1,50,000
Kalladai	1,50,000

## 9. Pumpsets in Sump

Poyyamani	To Bungala pudur SR 5 HP Centrifugal Mono block - 481 LPM x 29 M
Inungur	To Casa colony SR 1.5 HP Centrifugal Mono block - 373 LPM x 11 M To Vallakulamettupatti SR 3 HP Centrifugal Mono block - 275 LPM x 27 M
Keelapatti	To Kalladai sump 25 HP HSC - 1548 LPM x 42 M To Rathinathampatti sump 5 HP Centrifugal Mono block - 515 LPM x 41 M To Rajalingagoundanur SR 5 HP Centrifugal Mono block - 276 LPM x 31 M
Panickampatti	To Thirumalairreddipatti SR 5 HP Centrifugal Mono block - 464 LPM x 28 M
Rathinathampatti	To Sathiyamangalam SR 5 HP Centrifugal Mono block - 398 LPM x 38 M
Kallai	To Ponnampatti SR 3 HP Centrifugal Mono block - 154 LPM x 26 M
Sukkampatti	To Mangampatti SR 3 HP Centrifugal Mono block - 172 LPM x 26 M
Melapatti	To Puthur VRO Sump 7.50 HP Centrifugal Mono block - 752 LPM x 29 M To Chinnapudur SR 5 HP Centrifugal Mono block - 244 LPM x 37 M
Vellamadai	To Vellakalmedu SR 5 HP Centrifugal Mono block - 490 LPM x 26 M
Puthur VRO Colony	To Uppukachipatti SR 7.5 HP Centrifugal Mono block - 766 LPM x 32 M
Desipatti	To Kayakaranmedu SR 0.5 HP Centrifugal Mono block - 16 LPM x 19 M To Seethapatti SR 2 HP Centrifugal Mono block - 580 LPM x 6 M
R.T.Malai	To Valiyampatti SR 3 HP Centrifugal Mono block - 377 LPM x 25 M
Keelaveliyur	To Alaganampatti SR 5 HP Centrifugal Mono block - 376 LPM x 29 M

Kalladai

To Kalladai SR

1 HP Centrifugal Mono block - 153 LPM x 18 M

To Kambilinaickanpatti SR

3 HP Centrifugal Mono block - 223 LPM x 31 M

1,79,986 M

**10. Booster main**

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**11. Service Reservoirs**

10000 Lits. capacity - 70 Nos.

30000 Lits. capacity - 55 Nos.

60000 Lits. capacity - 10 Nos.

100000 Lits. capacity - 1 No.

# CWSS TO 127 HABITATIONS IN KULITHALAI & THOGAMALAI UNIONS OF KARUR DISTRICT - SCHEMATIC DIAGRAM

