

SALIENT DETAILS

C.W.S.S. TO DODDAMPALAYAM AND 111 OTHER HABITATIONS SATHY AND BHAVANISAGAR UNIONS

1	Scheme Cost	Rs 777.00 lakhs		
2	Beneficiaries	1. Thoppampalayam	7	Habs
		:		
		2. Panayampalli	7	"
		3. Desipalayam	13	"
		4. Vinnapalli	15	"
		5. Mathampalayam	12	"
		6. Nallur	9	"
		7. Nochikuttai	7	"
		8. Karapadi	8	"
		9. Pungar	4	"
		10. Peria kallipatty	3	"
		11. Uthandiyur	11	"
		12. Senbagapudur	15	"
		Total	111	"
3	Populations	: 62508		
4	Designed Quantity	3.23 MLD		
5	Head works with Source details	: Surface Water - River Bhavani at Bagaduthurai		
6	Pumpset			
a	Type	Turbine pumpset		
b	Duty	3360 LPM x 40m		
c	Hours of Pumping	18 hours		
7	Treatment Plant (with Units Details)			

a) Type	Centrifugal - HSC
b) Duty	3200 LPM x 86m
C) Hours of Pumping	18 Hours
(i) Capacity	3.23 MLD
(ii) Chlorination	Gas Chlorination
(iii) Alam Tank	2 Nos.
(iv) Flash Mixer	1 No
(v) Clariflocculator	1 No
(vi) Rapid sand Filter	3 Nos.
(vii) Wash water tank	1 No.
8 Transmission Main	
a Pumping main	50.74 km
b Gravity main	
9 Booster station	
a Sump with capacity	1. Booster at Nochikuttai - 5000 LTS 2. BOOSTER AT Keelmuduthurai-30000 LTS 3. BOOSTER AT Peria Kallipatty-30000 LTS 4. BOOSTER AT Marampalayam-6000 LTS 5. Booster AT Erankattur - 6000 LTS
b Pumpset details	Nochikuttai - 100 LPM x 50m Keelmuduthurai - 250 LPM x 35m Peria Kallipatty - 200 LPM x 60m Marampalayam - 150 LPM x 50m Erankattur - 100 LPM x 50m
10 Feeder Mains:	NIL

11 Service Reservoirs with capacity

1.00 LL - 4 Nos

30000 LTS -3 Nos

60000 LTS-9 Nos

1.5 LL - 3 Nos

10000 LTS -4 Nos

5000 LTS - 1 No

15000 LTS - 1 No

