

SALIENT DETAILS

CWSS TO KAZHIYUR & 17 OTHER HABITATIONS IN

VEMBAKKAM UNION

1. Scheme Cost : Rs. 65.84 Lakhs
2. Beneficiaries : habitations – 11 Nos.
3. Populations : 6120
4. Total Daily Requirements : 0.319 mld
5. Head works with source details : Infiltration well 2 nos in River Cheyyar

	Dia	Depth	Yield
IW I	3.50 M	7.00 M	1164 LPM
IW II	3.50 M	8.00 M	600 LPM
6. Pumpset :

	IW I	IW II
a. Type	Submersible	Submersible
b. Duty	12.5 HP X 609 lpm X 57 M = 2nos	12.5 HP X 500 lpm X 75 M = 2 nos
c. Hours of pumping	: 16 Hours	
7. Short Raising main : 150 CI LA Class = 120 M
8. Pumping Main :

IW I	: 150 mm AC C/10 pipe = 1410 M
	140 mm PVC 4ksc pipe = 4810 M
	110 mm PVC 4ksc pipe = 2120 M
	90 mm PVC 4ksc pipe = 870 M
IW II	: SRM 80 GI pipe = 344 M
9. Booster Main : At Kiliyathur
 - a. Sump with capacity : 15000 Lit Cap 1 = No
 - b. Pumpset details : 10.00 HP C.F Pset X 409 lpm X 34 M = 2 Nos
(with stand by)
10. Feeder mains :

FM	: 140 mm PVC pipe 4ksc = 200 M
	110 mm PVC pipe 4ksc = 720 M
	75 mm PVC pipe 4ksc = 3025 M
	63 mm PVC Pipe 4ksc = 2725 M
FM II	: 90 mm PVC pipe 4ksc = 2025 M
	63 mm PVC pipe 4ksc = 3900 M
11. Service reservoirs with capacity :

5000 Lit Cap = 4 nos	30000 Lit Cap = 2 nos
10000 Lit Cap = 1 no	60000 Lit Cap = --
15000 Lit Cap = 2 nos	100000 Lit Cap = 1 no

