

## C.W.S.S.TO CUMBUM VALLEY TOWNS

1	Scheme cost	Rs.59.68Lakh		
2	Beneficiaries	1.Cumbum Municipality		
		2.Gudalur Municipality		
3	Populations	202500		
4	Designed Quantity	9.12 mld		
5	Head works with source details	1.Offtake Chamber -1.80mdia & 2.00mdia		
		2.Silt Trap - 3.00m dia		
		3.Suction well - 3.00m dia & 5.00mdia		
6	Pumpset			
a	Type	Centrifugal		
b	Duty	<b>Old</b>		
		60HP x 2880 x 37m - 1No.		
		60HP x 4620 x 37m - 2Nos.		
		<b>New</b>		
		75HP x 5640 x 38m - 2Nos.		
c	Hours of Pumping	24 Hours		
7	Treatment Plant (with Units Details)	<b>Treatment Unit</b>	<b>Old</b>	<b>New</b>
		1.Settling Tank	5.73 Mld 1No	2.05Mld 2 Nos
		2.Slow sand Filter	3 Nos.	5 Nos.
		3.Clear water Reservoir	4.70LL 2Nos	1.75LL 2Nos
		8	Transmission Main	

a	Pumping main	<b>Type of Pipe</b>	<b>Old</b>	<b>New</b>
		1. 350mm CI	350m	615m
		2. 350mm AC	350m	--
b	Gravity main	<b>Old Scheme:-</b>		
		350mm AC to 80mm AC	-34104m	
		<b>New Scheme:-</b>		
		450mm AC to 250mm AC	-15283m	
9	Service Reservoirs with capacity	<b>Old Scheme:-</b>		
		1.Gudalur Post office line GLR - 4.55LL		
		2.Gudalur Arasamaram - 3.00LL		
		3.CumbumNandagopal St. GLR - 6.82LL		
		4.Cumbum Market - 2.00LL		
		5.Cumbum RMTc Colony - 0.30LL		
		<b>New Scheme:-</b>		
		1.Gudalur Post office Line - 6.00LL		
		2. CumbumNandagopal St. - 8.00LL		
		3.CumbumThathappankulam- 1.00LL		
		4.Cumbum Gandhinagar - 2.00LL		
		5.Cumbum Vadakkupatti OHT -2.50LL		

## WATER SUPPLY TO CUMBUM VALLEY

### FLOW DIAGRAM

