

SALIENT DETAILS**CWSS to Arianayagipuram in Vilathikulam Union of Thoothukudi District**

1	Scheme Cost		Rs 69.99 Lakhs
2	Beneficiaries	:	Rural habitations - 10
3	Populations	:	4352
4	Designed Quantity		0.175 mld
5	Head works with Source details	:	3.50 m dia Infiltration well at Vaippar river near Vilathikulam - 3 Nos.
6	Pumpset	:	3 HP - 2 Nos 2 HP - 1 No.
a	Type	:	Submersible Pump set
b	Duty	:	175 lpm X 20m - 2 Nos 125 lpm x 25 m - 1 No.
c	Hours of Pumping	:	9 Hours
7	Transmission Main	:	-
a	Pumping main	:	140 mm PVC 4 KSC pipes - 10098 M 110 mm PVC 4 Ksc - 140 M
b	Gravity main	:	-
8	Booster station	:	
a	Sump with capacity	:	Head works at Vilathikulam - 10000 lit sump - 2 Nos
b	Pumpset details	:	7.50 HP Centrifugal P'set - 350 lpm x 40 m - 2 Nos (1+1)
9	Feeder Mains:	:	-

10	Service Reservoirs with capacity	:	1. Arianayagipuram 60000 lit - 1 No. 2.Reddiapatti 60000 lit - 1 No. 3.Matharasapuram 10000 lit - 1 No. 4.Ramasamipuram 10000 lit - 1 No. 5.Muthaihapuram 30000 lit - 1 No. 6.Thathaneri 30000 lit - 1 No. 7.Veerakanjipuram 30000 lt - 1 No. 8.Usimesiapuram 10000 lit - 1 No. 9.Kumarasakkanapuram 30000 lit 1 No.
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ARIYANAYAGAPURAM CWSS IN VILATHIKULAM AND PUDUR UNION

