

CPCL WSS (DEPOSIT WORK)

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| 1 | Scheme Cost | Rs 324.44 Lakhs |
| 2 | Beneficiaries | CPCL Factory |
| 3 | Populations | |
| 4 | Designed Quantity | 1.6mld |
| 5 | Head works with Source details | |

Source Location	Depth	Yield
Vaipur	305.00m	1812lpm
Sooranur	299.00m	1325lpm
Channel poramboke	288.00m	1512 lpm (sand Blowing)
Kurumberi	288.50 m	1480lpm (Sand blowing)
Thiruvathiraimankalam	291.00m	1512lpm (B.W Condemened)
Kottarakudi	305.00m	1812lpm (saline)

6 Pumpsets

Originally 20 HP wet type Submercible pumpset (1200 lpm x 56 m head) is erected in all the six bore wells . Subsiquently due to saline and failure of the bore wells at Kottarakudi and Thiruvathiraimankalam is not used .

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| 7 | Sump at Sooranur | Capacity 1.77 Laks liters |
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Dia 9.50m- Depth 3.00m

Pumpsets	75 HP HSC Pumpsets 2900 lpm x 78 m Head - 3 nos
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8	Pumping main	From bore well to Sump	
		160 mm OD PVC 4 KSC	2130 m
		160 mm OD PVC 4 KSC	50 m
		160 mm OD PVC 4 KSC	1470 m
		160 mm OD PVC 4 KSC	1410 m
		160 mm OD PVC 4 KSC	1330 m
		160 mm OD PVC 4 KSC	1990 m
			8380 m
		From Sump to MRL Factoty	2 Lines
		250 mm CI LA Class	2100x2
		250 mm OD PVC 6 KSC pipe	4800x2
		250 mm OD PVC 4 KSC pipe	5730x2
			12630 x 2
			25260 m
9	Hours of Pumping	20 Hours	