

SALIENT DETAILS

Name of Scheme	CWSS to Keeranur,Neikkarapatty TPS and 253 Rural Habitations in Palani and Thoppampatty Unions of Dindigul District with Bulk Provision available at Oddanchatram Sump under Natham CWSS		
Installation Cost	Rs.108.80 Crore.		
A.M.Cost	Rs.2.13 Crore		
Per Capita Cost	Rs. 4872/-		
Cost per 1000 litres	Rs.14.36/-		
POPULATION AND REQUIREMENT	Base Year (2015)	Intermediate (2030)	Ultimate (2045)
TOWN PANCHAYAT			
Keeranur	7400	8200	9080
Neikkarapatty	12590	15690	18800
SUB TOTAL	19990	23890	27880
Population of 253 Rural Habitations	162737	198018	253799
Total	182727	221908	281679
Requirement at 55 lpcd for Rural habitations and 90 lpcd for Town Panchayats (in MLD)		13.98	17.71
TOTAL DEMAND		13.98	17.71
Existing supply		4.04	4.04
Requirement including 10% transmission loss and minimum 10 lpm in pumping main (in mld)		9.94	13.67
Fire Demand @ 5%		0.50	0.68
Industrial Demand @10%		1.02	1.41
Total Net demand (in mld)		11.46	15.76
Source :	Tapped from Bulk provision available at Oddanchatram Sump under CWSS to Natham, Ammaianaickanur, Nilakottai Town Panchayat and 1276 Rural Habitations in Dindigul District.		
Pumping Main	ODANCHATRAM TO KALLIMANTHAYAM VILAKKU	500 MM DI K9 PIPE	17450 M
	KALLIMANDAYAM VILAKKU TO SARAVANAPATTI SUMP	500 MM DI K7 PIPE	18740 M
	SARAVANAPATTI SUMP TO KEERANUR TOWN PANCHAYAT	200 PVC 4KSC PIPE	4800 M
	SARAVANAPATTY TO-EVICTION NAGAR VILAKKU	600 DI K7 PIPE	8270 M
	EVICTION NAGAR VILAKKU TO EVICTION NAGAR	350 DI K7 PIPE	3810M
	EVICTION NAGAR VILAKKU TO A.KALAYAMPU THUR SUMP	400MM DI K7	9630 M
	A.KALAYAMPU THUR SUMP TO NEIKKARAPATTI TP SRS	200 DI K7 PIPE 160MM PVC 4KSC PIPE	2840 M 930 M
	A.KALAYAMPU THUR SUMP TO 12.50LL SUMP @ INDRANAGAR	350 DI K7 PIPE	3420 M

Sump	Location	Capacity		
	Saravanapatty	7.25 LL		
	Eviction Nagar	2.00 LL		
	A.Kalayamputhur	5.00 LL		
Pumpset	Sump at Oddanchatram	Centrifugal Pumpset	3067 lpm x 68 m head	(3+1) Nos.
	Sump at Saravanapatty	Centrifugal Pumpset	2735 lpm x 62 m head	(3+1) Nos.
		OW submersible Pumpset	526 lpm x 7 m head	(1+1) Nos.
	Sump at Eviction Nagar	Centrifugal Pumpset	2251 lpm x 20 m head	(1+1) Nos.
	Sump at A.Kalayamputhur	Centrifugal Pumpset	3339 lpm x 20 m head	(1+1) Nos.
		Open well submersible Pumpset	900 lpm x 39 m head	(1+1) Nos.
	663 lpm x 52 m head		(1+1) Nos.	
	1023 lpm x 36 m head		(1+1) Nos.	
Feeder Main	Neikkarapatty Town Panchayat			
	160 mm PVC 4 KSC - 670m			
	140 mm PVC 4 KSC - 460m			
	Keeranur Town Panchayat			
	75 mm PVC 4KSC - 500m			

FEEDER MAINS – PALANI UNION		
	110 PVC 4KSC PIPE	16690 M
	110 PVC 6KSC	310 M
	140 PVC 4KSC	3250 M
	140 PVC 6KSC	6695 M
	160 PVC 4KSC	4670 M
	160 PVC 6KSC	540 M
	200 DI K7	10025 M
	200 PVC 4KSC	1550 M
	250 DI K7	830 M
	63 PVC 4KSC	35406 M
	63 PVC 6KSC	10380 M
	75 PVC 4KSC	11710 M
	75 PVC 6KSC	735 M
	90 PVC 4KSC	6185 M
TOTAL	108976 M	

