

SALIENT DETAILS

1	Name of Scheme	:	Combined Water Supply Scheme to 114 habitations in Kadanadu and 3 Other Village Panchayats in Udhagai Union of Nilgiris District.
2	Administrative Approval No and Amount	:	GO.Ms. No.193 dt 6.10.2008 for Rs.1854 Lakhs
3	Technical Sanction	:	CE/WR/CBE/No.52/2008-09/dt 17.10.08
4	Population	:	Present : (2021) 38007
		:	Intermediate : (2025) 39441
		:	Ultimate : (2040) 43027
5	Requirement	:	Intermediate : (2025) 2.06 mld (20 hrs)
		:	Ultimate : (2040) 2.17mld (20 hrs)
6	Percapita Supply	:	40 lpcd & Hours of Pumping 20Hrs (Ultimate)
7	Source	:	Pykara Reservoir
8	Head works	:	Pykara Reservoir
9	Raw Water pumpset	:	Open well submersible Pumpset 1806lpm x32m head (1+1 - 1No Stand By)
10	Raw Water pumping Main	:	200m DI K9- 170 m
11	Treatment plant	:	FullScaleTreatment-2.28MLD 1) Aerator 2)Slow sand filter12mx24m4Nos(2bedx2Nos) 3)Clear water reservoir -1.00LL 4)Pump room 6mx4m
12	Clear Water Pumpset	:	Open well Submersible Pumpset
		:	1720 lpmx 122m head – 1+1Nos (1 No stand by)
13	Booster Pumpset I	:	Open well Submersible Pumpset
		:	1720 lpmx 133m head – 1+1Nos (1 No stand by)
14	Booster Pumpset II	:	Open well Submersible Pumpset
		:	1524 lpmx 98m head – 1+1Nos (1 No stand by)
15	Clear Water Pumping Main	:	200mm DI K9 - 15950m
		:	65mm -32mm GI- 8160m
		:	Total 24110m
16	Booster station	:	8 Nos
17	Gravity Mains	:	
		:	150mm DI K9 - 2550m
		:	125mm -32mm GI - 101980m
		:	Total - 104530m
18	Break Pressure Tanks	:	11 Nos
19	Ground Level Service Reservoirs	:	Existing GLSRs is being utilized
20	Distribution system	:	Existing System is being utilized
21	Cost per 1000 Litres	:	Rs. 41.99

Booster Station Details

SL No.	Description	Sump Capacity	Pumpset
1	Glenmorgan Road	1.00 LL	1720 LPM x 133 M
2	Muttinadumandu	1.00 LL	1524 LPM x 98 M
3	Agalar	0.60 LL	112 LPM x 123 M
4	Ambedkar Nagar	0.10 LL	112 LPM x 128 M
5	Moradacombai	0.50 LL	36 LPM x 86 M
6	Nehruji Nagar -I	0.05 LL	14 LPM x 75M
7	Nehruji Nagar -II	0.05 LL	14 LPM x 75M
8	Denaducombai	0.50 LL	10 LPM x 66 M

BPT Details

1	Master Service Reservoir at Thalai Kuindha	4.00 LL	
2	BPT at Hallkadu Estate H	0.10 LL	
3	BPT at Bikkatty	0.05LL	
4	BPT at Melkallatty	0.05 LL	
5	BPT at Sakthi Nagar	0.10 LL	
6	BPT at Melur	0.05 LL	
7	BPT at Physically Handicapped Group House	0.60 LL	
8	BPT at Kadanadu	0.10 LL	
9	BPT at Udayaratty	0.05 LL	
10	BPT at Kil Selatha	0.10 LL	
11	BPT at Anikorai	0.15 LL	