

Hubbathalai Panchayat – Baseline Survey Data Analysis

About the Panchayat

Hubbathalai Village Panchayat is located in Coonoor Taluk of the Nilgiris District. The Panchayat has 31 habitations. The population of the Panchayat as per the 2011 census was 10,852 with 5617 women and 5235 Men.

Summary observations

S No.	Item	Number
1	Total Number of habitations	31
2	No. of habitations surveyed	30
3	Total number of households	3000 approx.
4	Number of households surveyed % of households surveyed	382 13%
5	Households harvesting rain water at home	22%
6	Average water storage capacity in a household (in liters)	433
7	% of households with storage capacity of 1000 liters or less	95%
8	% of households with storage capacity of 500 liters or less	79%
9	% of households with storage capacity of 250 liters or less	49%
10	Average water consumption per family (liters per day) Maximum	178-211 LPD (across seasons) 860-1500 LPD (across seasons)
11	Number of habitations with only spring water supply	10
12	Number of habitations with spring and well water supply	12
13	% of Households practicing Open Defecation	21%
14	Number of habitations reporting Open Defecation % of habitations reporting Open Defecation	17 57%
15	Number of habitations with Community Toilets	9
16	Number of habitations reporting usage of Community Toilets	5
17	Number of habitations reporting collection of waste at the doorstep	3
18	Number of habitations reporting waste bins being located	10
19	% of households reporting purchase of water	Negligible
20	% of households reporting water borne diseases	Negligible

Water use pattern

Percentage share of various uses on average in Hubbathalai Panchayat

Water Supply Situation

S No.	Habitati on Name	Sources	Source Type(s)	Supply	Issues reported in surveys
1.	Kakkan Nagar	Narikulipallam Spring	Spring	Min. 1 hr a day throughout the year	22% reported insufficient water supply
2.	Halorai	Sengarani Thottam – overflow	Spring	1.5-2.5 hrs a day throughout the year	-
3.	Periya Hubbathalai	Pororai	Well	5-7 hrs a day throughout the year	-
4.	Narikkulipallam	Narikulipallam Spring	Spring	1.5- hrs for most households; 15-30 minutes per day for a few of the families.	20% reported insufficient water supply
5.	Gandhi Nagar	Gandhi Nagar Jevanagowder Line Pororai	Well Well Well	1.5 hrs a day throughout the year	-
6.	Pazhathottam	Narikulipallam	Spring	Alternate days in summer; 24/7 remaining seasons.	Pipes get blocked during monsoon season. Muddy water during rains

S No.	Habitat on Name	Sources	Source Type(s)	Supply	Issues reported in surveys
7.	Kurinji Nagar	Narikulipallam Spring	Spring	2 hrs a day throughout the year	-
8.	MGR Nagar	MGR Nagar Spring Bengalmattam well Ambikapuram Valley	Spring Well Well	Alternate days throughout the year	Insufficient supply in Summer reported by 8%
9.	Karimora	Tamarai Kulam Marigudiyaada – 3	Spring Well	24/7 throughout the year	-
10.	Periya Bikkatti	Marigudi	Spring	24/7 throughout the year	-
11.	Chinna Bikkatti	Boganatti Spring Boganatti Well Tharorai Well	Spring Well Well	24/7 1 hr daily 1 hr daily	-
12.	Carolina	Carolina bridge Vasuki Nagar Kalyana sundaram farm	Well Well Well	1 hr on Alternate days throughout the year	-
13.	Jevana Gowder Line	Jevana Gowder Line	Well	24/7 throughout the year	20% report alternate day supply
14.	Nehru Nagar	Panchayat well	Well	Alternate days throughout the year. Once in 3-4 days during summer for 25% houses.	Nearly 50% reported own well source
15.	Valluvar Nagar	Thamarai Kulam	Well	50% get 3 hrs a day throughout the year. 50% get supply on alternate days	10% say only 4 pots of water in summer
16.	Vasuki Nagar	Thamarai Kulam	Well	1 hr on alternate days	When well motor is not working, then spring water is

S No.	Habitat on Name	Sources	Source Type(s)	Supply	Issues reported in surveys
		Spring Vasuki Nagar Well	Well		taken.
17.	Yercaud Nagar	Old Aravankadu 2 wells	Well Well	2 hrs a day daily. Two Wells used on alternate days.	-
18.	Kanikkaraj Nagar	Kanikkaraj bus stop spring Kanikkaraj Nagar well Chinna bikkatti Well	Spring Well Well	2 hrs a day once in 3 days. Spring is seasonal supply only. Chinna Bikkatti well also seasonal.	-
19.	Karunya Nagar	Karunya Nagar Well Ambikapuram Well	Well Well	1-2 hrs on alternate days	Stream water and neighbourhood well water used as fallback in case well goes dry.
20.	Ezhu acre	Bengal	Well	2 hrs on alternate days throughout the year	-
21.	Chinna Karumbalam	Bengal Chinnakurumbalam	Stream Well	24/7 In summer, once in 3-4 days	-
22.	Periya Bikkaty Corner	Periya Bikkatti	Spring	Varied data. Insufficient supply.	Insufficient supply
23.	Vassampallam	Vasampallam - 3 Wells	Well	Varied. Scarcity in summer.	Insufficient supply in summer.
24.	Indira Nagar	Ambikapuram Valley	Well	3 hrs every two days throughout the year.	-
25.	Periyar Nagar	Carolina bridge	Well	Wetland flow reduces in Summer. Well 1.5 hrs a day throughout the year.	Reduced supply in summer.
26.	8 no thottam	Bengal	Well	24/7. Less in summer.	Reduced supply in summer.
27.	Periya karumbalam	Bengal	Well	24/7. Reduced supply in summer. Some households	Reduced supply in summer.

S No.	Habitati on Name	Sources	Source Type(s)	Supply	Issues reported in surveys
				report alternate day supply.	
28.	Vasanth am nagar	Indranagar pallam Ambikapur am	Well Well	2-2.5 hrs once every two days throughout the year from well. Spring water daily. Reduces in summer.	Reduced supply in summer.
29.	Ambikap uram	Ambikapur am valley – 2 wells	Well	Daily supply for some households. Once in 2-4 days for some depending on the season. Well water alternate days 0.5-1 hr.	Reduced supply in summer.
30.	Stanley park	Sivaraman thottam Stanley park godal Muthalam man kovil Kamachia mman kovil keelpuram	Well Well Well Well	Varied schedules. Less water in summer.	Reduced supply in summer.
31.	Chinna Hubbath alai	Sengarani Thottam Ambikapur am Valley	Spring Well	24/7 2 hrs a day daily	-

Water Quality Issues

S No.	Habitation Name	Sources	Source Type(s)	Problem
901	Kakkan Nagar	Narikulipallam Spring	Spring	Oily
904	Halorai	Sengarani	Spring	Yes
906	Periya Hubbathalai	Pororai	Well	Muddy water during rains
907	Narikkulipallam	Narikulipallam Spring	Spring	Yes
908	Gandhi Nagar	Gandhi Nagar Jevanagowder Line	Well Well Well	Muddy water during rain, drainage mixed

S No.	Habitation Name	Sources	Source Type(s)	Problem
		Pororai		
908	Pazhathottam	Narikulipallam	Spring	Muddy water during rain, oily
910	Kurinji Nagar	Narikulipallam Spring	Spring	Yes
912	MGR Nagar	MGR Nagar Spring Bengalmattam well Ambikapuram Valley	Spring Well Well	Yes
914	Karimora	Tamarai Kulam Marigudiyaada – 3	Spring Well	Insects, rats often found dead
914	Periya Bikkatti	Marigudi	Spring	Muddy water
915	Chinna Bikkatti	Boganatti Spring Boganatti Well Tharorai Well	Spring Well Well	Muddy water during rain
916	Carolina	Carolina bridge Vasuki Nagar Kalyana sundaram farm	Well Well Well	Muddy water during rain
916	Jevana Gowder Line	Jevana Gowder Line	Well	Yes
916	Nehru Nagar	Panchayat well	Well	Yes
917	Valluvar Nagar	Thamarai Kulam	Well	Yes
917	Vasuki Nagar	Thamarai Kulam Spring Vasuki Nagar Well	Well Well	Yes
918	Yercaud Nagar	Old Aravankadu 2 wells	Well Well	Oily
918	Kanikkaraj Nagar	Kanikkaraj bus stop spring Kanikkaraj Nagar well Chinna bikkatti Well	Spring Well Well	Yes
919	Karunya Nagar	Karunya Nagar Well Ambikapuram Well	Well Well	Muddy water during rain, bad smell sometimes
919	Ezhu acre	Bengal	Well	Muddy water during rain
923	Chinna Karumbalam	Bengal Chinnakarumbalam	Stream Well	valluvar nagar toilet water is mixed, chemical present
923	Periya Bikkaty Corner	Periya Bikkatti	Spring	Yes
923	Vassampallam	Vasampallam - 3	Well	Yes

S No.	Habitation Name	Sources	Source Type(s)	Problem
		Wells		
925	Indira Nagar	Ambikapuram Valley	Well	Muddy water
925	Periyar Nagar	Carolina bridge	Well	Yellowish water
925	8 no thottam	Bengal	Well	Muddy water
926	Periya karumpalam	Bengal	Well	Muddy water
927	Vasantham nagar	Indranagar pallam Ambikapuram	Well Well	Muddy water
928	Ambikapuram	Ambikapuram valley – 2 wells	Well	Muddy water
928	Stanley park	Sivaraman thottam Stanley park godal Muthalamman kovil Kamachiamman kovil keelpuram	Well Well Well Well	Yes
929	Kakkan Nagar	Narikulipallam Spring	Spring	Muddy water
930	Halorai	Sengarani	Spring	Yes
930	Periya Hubbathalai	Pororai	Well	Oily
930	Narikkulipallam	Narikulipallam Spring	Spring	Yes
931	Chinna Hubbathalai	Sengarani Thottam Ambikapuram Valley	Spring Well	Muddy water from well.

Habitations where Community Toilets are present and being used

Habitation id	Habitation name	Community Toilet Present	Community Toilet in use
908	MGR Nagar	Y	N
909	Karimora	Y	N
910	Periya Bikkatti	Y	Y
911	Chinna Bikkatti	Y	Y
912	Carolina	Y	N
913	Jevana Gowder Line	Y	Y
914	Nehru Nagar	Y	N
921	Chinna Karumpalam	Y	Y
927	Periya Karumpalam	Y	Y
931	Chinna Hubbathalai	Y	Y

Habitations where Open Defecation is being practised

Habitation ID	Habitation Name	HHs reporting OD	Surveyed HHs	% reporting OD
901	Kakkan Nagar	0	23	0
902	Halorai	0	17	0
903	Periya Hubbathalai	7	20	35
904	Narikkulipallam	0	15	0
905	Gandhi Nagar	1	10	10
906	Pazhathottam	4	10	40
907	Kurinji Nagar	9	12	75
908	MGR Nagar	1	12	8
909	Karimora	0	15	0
910	Periya Bikkatti	0	15	0
911	Chinna Bikkatti	0	15	0
912	Carolina	1	10	10
913	Jevana Gowder Line	0	10	0
914	Nehru Nagar	2	11	18
915	Valluvar Nagar	1	10	10
916	Vasuki Nagar	3	10	30
917	Yercaud Nagar	0	10	0
918	Kanikkaraj Nagar	0	10	0
919	Karunya Nagar	1	10	10
920	Ezhu acre	10	10	100
921	Chinna Karumbalam	14	21	67
922	Periya Bikkaty Corner	0	5	0
923	Vasampallam	0	17	0
924	Indira Nagar	1	10	10
925	Periyar Nagar	11	14	79
926	8 no thottam	6	12	50
927	Periya karumpalam	4	13	31
928	Vasantham nagar	4	12	33
929	Ambigapuram	0	12	0
930	Stanley park	0	11	0
931	Chinna Hubbathalai	DNA	0	DNA
	Total	80	382	21

Status of Waste Management

Habitation ID	Habitation Name	Waste Collection at Door Step	Waste bins setup by Panchayat
901	Kakkan Nagar	Y	N
902	Halorai	N	N
903	Periya Hubbathalai	N	N
904	Narikkulipallam	N	Y
905	Gandhi Nagar	N	Y
906	Pazhathottam	N	Y
907	Kurinji Nagar	Y	Y
908	MGR Nagar	N	Y
909	Karimora	N	N
910	Periya Bikkatti	N	N
911	Chinna Bikkatti	N	N
912	Carolina	N	N
913	Jevana Gowder Line	N	N
914	Nehru Nagar	N	N
915	Valluvar Nagar	N	N
916	Vasuki Nagar	N	N
917	Yercaud Nagar	N	Y
918	Kanikkaraj Nagar	N	N
919	Karunya Nagar	N	N
920	Ezhu acre	N	N
921	Chinna Karumbalam	N	N
922	Periya Bikkaty	N	Y
923	Vasampalam	N	Y
924	Indira Nagar	N	N
925	Periyar Nagar	N	N
926	8 no thottam	N	N
927	Periya karumpalam	N	N
928	Vasantham nagar	N	N
929	Ambikapuram	Y	Y
930	Stanley park	N	Y
931	Chinna Hubbathalai	N	N
	Count	3	10