

Pillur – Baseline Survey Data Analysis

This survey pertains only to those habitations where keystone has been intervening over the years.

Table1.1: Demographic details

S.No	Habitation Name	Village Panchayat	SC pop ^{ln}	ST pop ^{ln}	GEN pop ^{ln}	Total pop ^{ln}	No. of HHs	No. of HHs surveyed
1	Kodiyur	Kemmarapalayam	0	0	104	104	31	15
2	Nellimarathur	Kemmarapalayam	0	65	35	100	24	7
3	Poochamarathur	Kemmarapalayam	0	45	55	100	27	12
4	Sethumadai	Kemmarapalayam	0	82	18	100	28	5
5	Sirukinaru	Kemmarapalayam	0	0	104	104	31	0
6	Thondai	Kemmarapalayam	47	0	53	100	11	6
7	Chittukunnai	Nellithorai	0	100	0	100	11	3
8	Kadambankombai	Nellithorai	0	10	90	100	16	8
9	Keelpillur (Suruki)	Nellithorai						22
10	Keelsengalur	Nellithorai	0	100	0	100	24	0
11	Kethaikkadu	Nellithorai	0	100	0	100	14	9
12	Korapathi	Nellithorai	0	100	0	100	14	8
13	Maanar	Nellithorai	24	0	101	125	37	7
14	Melpillur (Sithukonai)	Nellithorai	0	100	0	100	11	3
15	Neeradi	Nellithorai	0	80	0	100	19	19
16	Paralikkadu	Nellithorai	0	120	0	120	34	8
17	Sundapatti	Nellithorai	0	100	0	100	11	0
18	Veerakkal	Nellithorai	0	100	0	100	16	5
19	Veppamarathur	Nellithorai	0	100	0	100	23	0
20	Maruthamarathur	Nellithorai						1
21	Sengam	Nellithorai						6
22	Sorandi	Velliyankadu						0
	Total		71	1202	560	1853	382	144

Source with date of access: <http://indiawater.gov.in> on 29 Dec,2016

Summary observations

Table1.2: Summary observations

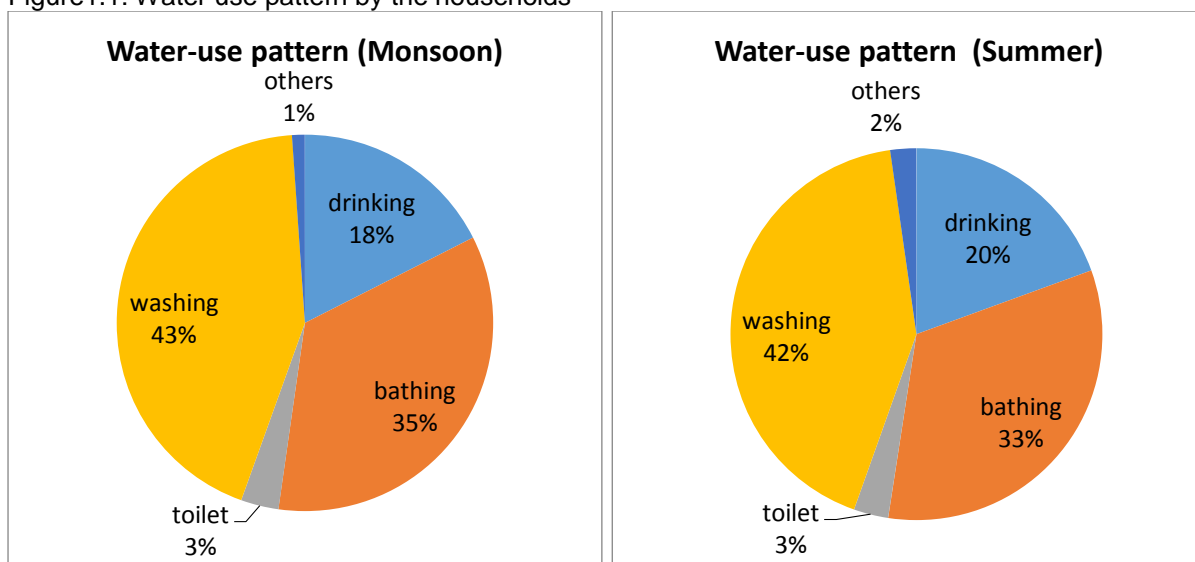
S No.	Item	Number
1	No. of habitations surveyed	16
2	Total number of households	
3	Number of households surveyed % of households surveyed	141
4	Households harvesting rain water at home	24%
5	Average water storage capacity in a household (in liters)	441

6	% of households with storage capacity of 1000 liters or less	85%
7	% of households with storage capacity of 500 liters or less	84%
8	% of households with storage capacity of 250 liters or less	82%
9	Average water consumption per family (liters per day) Maximum water consumption per family (liters per day)	164-247 LPD(across seasons) 730-1270 LPD(across seasons)
10	Number of habitations with only spring water supply Number of habitations with only stream water supply	1 9
11	Number of habitations with stream and bore well water supply	6
12	% of Households practicing Open Defecation	98
13	Number of habitations reporting Open Defecation % of habitations reporting Open Defecation	16 100
14	Number of habitations with Community Toilets	Nil
15	Number of habitations reporting usage of Community Toilets	Nil
16	Number of habitations reporting collection of waste at the doorstep	Nil
17	Number of habitations reporting waste bins being located	Nil
18	% of households reporting purchase of water	0
19	% of households reporting water borne diseases	70%

Source with date of access: Basic Habitation Survey, Keystone Foundation 2016

Water use pattern

Figure1.1: Water use pattern by the households



Source with date of access: Basic Habitation Survey, Keystone Foundation 2016

Water Supply Situation

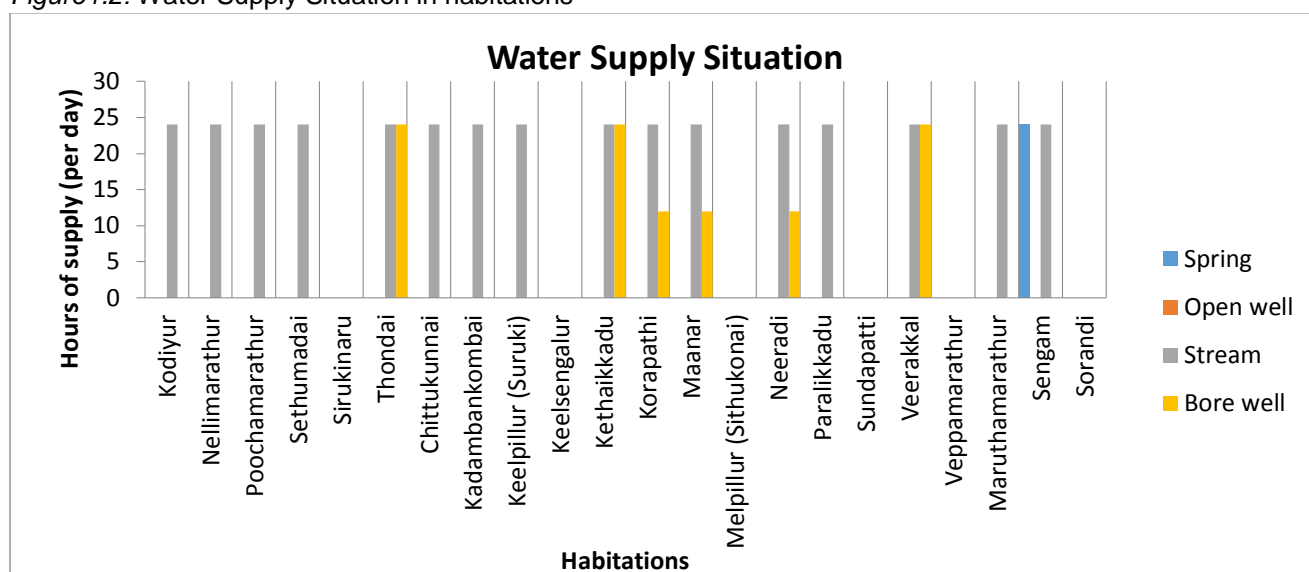
Table 1.3: Water supply sources in habitations

S No.	Habitation Name	Sources	Source Type(s)	Supply	Issues reported in surveys
1.	Kodiyur	Aatru neer Kulaynir	Stream Other	24/7 throughout the year	
2.	Nellimarathur	Thekkaneer Kulaynir	Stream Other	24/7 throughout the year	
3.	Poochamarathur	Thekkaneer Kulaynir	Stream Other	24/7 throughout the year	
4.	Sethumadai	Aatru neer Kulaynir	Stream Other	24/7 throughout the year	
5.	Sirukinaru				
6.	Thondai	Bore thanni Thekkaneer	Bore well Stream	24/7 throughout the year	
7.	Chittukunnai	Anaippalla kerai	Stream	24/7 throughout the year	
8.	Kadambankombai	Odai neer Kulaynir	Stream Other	24/7 throughout the year	
9.	Keelpillur (Suruki)	Thekkaneer Odai neer Aatru neer Kulaynir	Stream Stream Stream Other	24/7 throughout the year	
10.	Keelsengalur				
11.	Kethaikkadu	Varukankarai Bore thanni	Stream Bore well	24/7 throughout the year	
12.	Korapathi	Bore thanni Varukankarai	Bore well Stream	12hrs in monsoon, 24hrs in summer	
13.	Maanar	Kethekerai Bore thanni	Stream Bore well	24hrs in monsoon, 12hrs in summer	
14.	Melpillur (Sithukonai)				
15.	Neeradi	Varakkarai Thekkuneer Dam Kulaynir Oshpaippuni r	Stream Other Bore well Stream	Bore well-12hrs throughout the year Stream- 24hrs throughout the year	
16.	Paralikkadu	Vaikaal neer Pillur dam	Stream Other	24/7 throughout the year	
17.	Sundapatti				

S No.	Habitation Name	Sources	Source Type(s)	Supply	Issues reported in surveys
18.	Veerakkal	Odai neer Bore thanni Mulli aru	Stream Bore well Stream	Bore well-24/7 throughout the year Stream-12hrs in monsoon, 24hrs in summer	
19.	Veppamarathur				
20.	Maruthamarathur	Sajbas odai	Stream	12hrs in monsoon, 24hrs in summer	
21.	Sengam	Vanikerai Palarai Sengakerai	Stream Spring Stream	24/7 throughout the year	
22.	Sorandi				

Source with date of access: Basic Habitation Survey, Keystone Foundation 2016

Figure 1.2: Water Supply Situation in habitations



Source with date of access: Basic Habitation Survey, Keystone Foundation 2016

Water Quality Issues

Table 1.4: Water Quality Issues reported by households

S No.	Habitation Name	Sources	Source Type(s)	Problem
1.	Kodiyur	Aatru neer Kulaynir	Stream Other	No
2.	Nellimarathur	Thekkaneer Kulaynir	Stream Other	No
3.	Poochamarathur	Thekkaneer Kulaynir	Stream Other	No
4.	Sethumadai	Aatru neer Kulaynir	Stream Other	No

5.	Sirukinaru			
6.	Thondai	Bore thanni Thekkaneer	Bore well Stream	Thekkaneer stream- Muddy water due to animal disturbances, odour as drainage mixed with source
7.	Sithuguni	Anaippalla kerai	Stream	No
8.	Kadambankombai	Odai neer Kulaynir	Stream Other	Nearly 10% report as worms seen in Kulaynir source that is covered with bushes
9.	Kil Pillur (Suruki)	Thekkaneer Odai neer Aatru neer Kulaynir	Stream Stream Stream Other	No
10.	Keelsengalur			
11.	Kethaikkadu	Varukankarai Bore thanni	Stream Bore well	No
12.	Korapathi	Bore thanni Varukankarai	Bore well Stream	Varukankarai stream- Muddy water due to animal disturbances
13.	Maanar	Kethekerai Bore thanni	Stream Bore well	Kethekerai stream- muddy water due to animal disturbances, odour as drainage mixed with source
14.	Mel Pillur (Sithukonai)			
15.	Neeradi	Varakkarai Thekkuneer Dam Kulaynir Oshpaippunir	Stream Other Bore well Stream	No
16.	Paralikkadu	Vaikaal neer Pillur dam neer	Stream Other	
17.	Sundapatti			
18.	Veerakkal	Odai neer Bore thanni Mulli aru	Stream Bore well Stream	Mulli stream- muddy water due to animal disturbances, odour as drainage mixed with source
19.	Veppamarathur			
20.	Maruthamarathur	Sajbas odai	Stream	No
21.	Sengam	Vanikerai Palarai Sengakerai	Stream Spring Stream	Vanikerai stream- muddy water due to animal disturbances, odour as drainage mixed with source
22.	Sorandi			

Source with date of access: Basic Habitation Survey, Keystone Foundation 2016

Habitations where Community Toilets are present and being used

Table 1.5: Habitations where community toilets are present

Habitation id	Habitation name	Community Toilet Present	Community Toilet in use
651	Kodiyur	N	
652	Nellimarathur	N	
653	Poochamarathur	N	
654	Sethumadai	N	
655	Sirukinaru		
656	Thondai	N	
657	Chittukunnai	N	
658	Kadamankombai	N	
659	Kil pillur (Suruki)	N	
660	Keelsengalur		
661	Kethaikkadu	N	
662	Korapathi	N	
663	Maanar	N	
664	Mel Pillur		
665	Neeradi	N	
666	Paralikkadu	N	
667	Sundapatti		
668	Veerakkal	N	
669	Veppamarathur		
670	Maruthamarathur	N	
671	Sengam	N	
681	Sorandi		

Source with date of access: Basic Habitation Survey, Keystone Foundation 2016

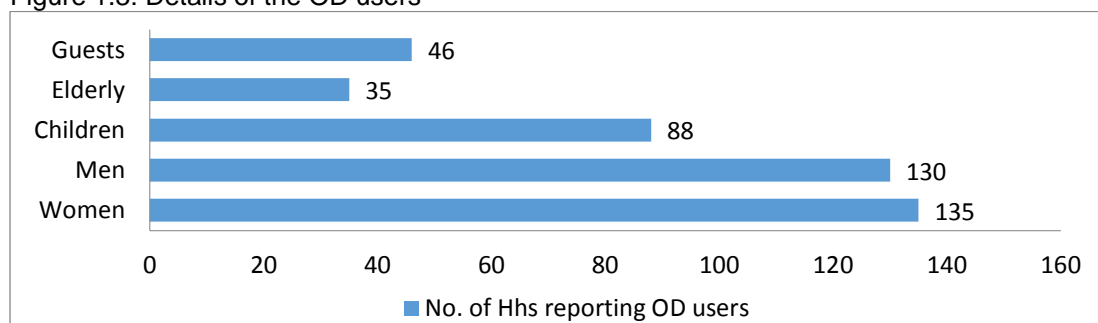
Habitations where Open Defecation is being practised

Table 1.6: Habitations where open defecation is practised

Habitation ID	Habitation Name	HHs reporting OD	Surveyed HHs	% reporting OD
651	Kodiyur	15	15	100
652	Nellimarathur	7	7	100
653	Poochamarathur	12	12	100
654	Sethumadai	5	5	100
655	Sirukinaru			
656	Thondai	6	6	100
657	Chittukunnai	3	3	100
658	Kadamankombai	8	8	100
659	Kil pillur (Suruki)	22	22	100
660	Keelsengalur			
661	Kethaikkadu	9	9	100
662	Korapathi	8	8	100
663	Maanar	7	7	100
664	Mel Pillur	19	19	100
665	Neeradi	5	8	62
666	Paralikkadu			
667	Sundapatti			
668	Veerakkal	5	5	100
669	Veppamarathur			
670	Maruthamarathur	1	1	100
671	Sengam	6	6	100
681	Sorandi			

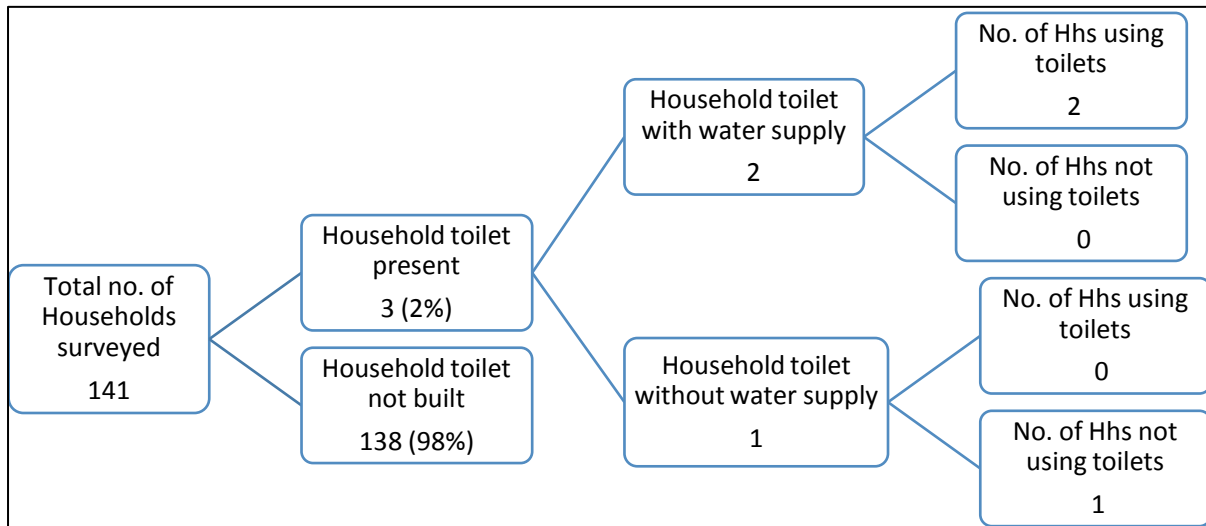
Source with date of access: Basic Habitation Survey, Keystone Foundation 2016

Figure 1.3: Details of the OD users



Household toilets

Figure1.4: No. of habitations with household toilets



Source with date of access: Basic Habitation Survey, Keystone Foundation 2016

Status of Waste Management

Table1.7: Status of habitations in waste management

Habitation ID	Habitation Name	Waste Collection at Door Step	Waste bins setup by Panchayat
651	Kodiyur	N	N
652	Nellimarathur	N	Y
653	Poochamarathur	N	N
654	Sethumadai	N	N
655	Sirukinaru		
656	Thondai	N	N
657	Chittukunnai	N	N
658	Kadamankombai	N	N
659	Kil pillur (Suruki)	N	N
660	Keelsengalur		
661	Kethaikkadu	N	N
662	Korapathi	N	N
663	Maanar	N	N
664	Mel Pillur		
665	Neeradi	N	N
666	Paralikkadu	N	N
667	Sundapatti		
668	Veerakkal	N	N
669	Veppamarathur		
670	Maruthamarathur	N	N
671	Sengam	N	N
681	Sorandi		

Source with date of access: Basic Habitation Survey, Keystone Foundation 2016

Figure 1.5: Household wastes dumping place

