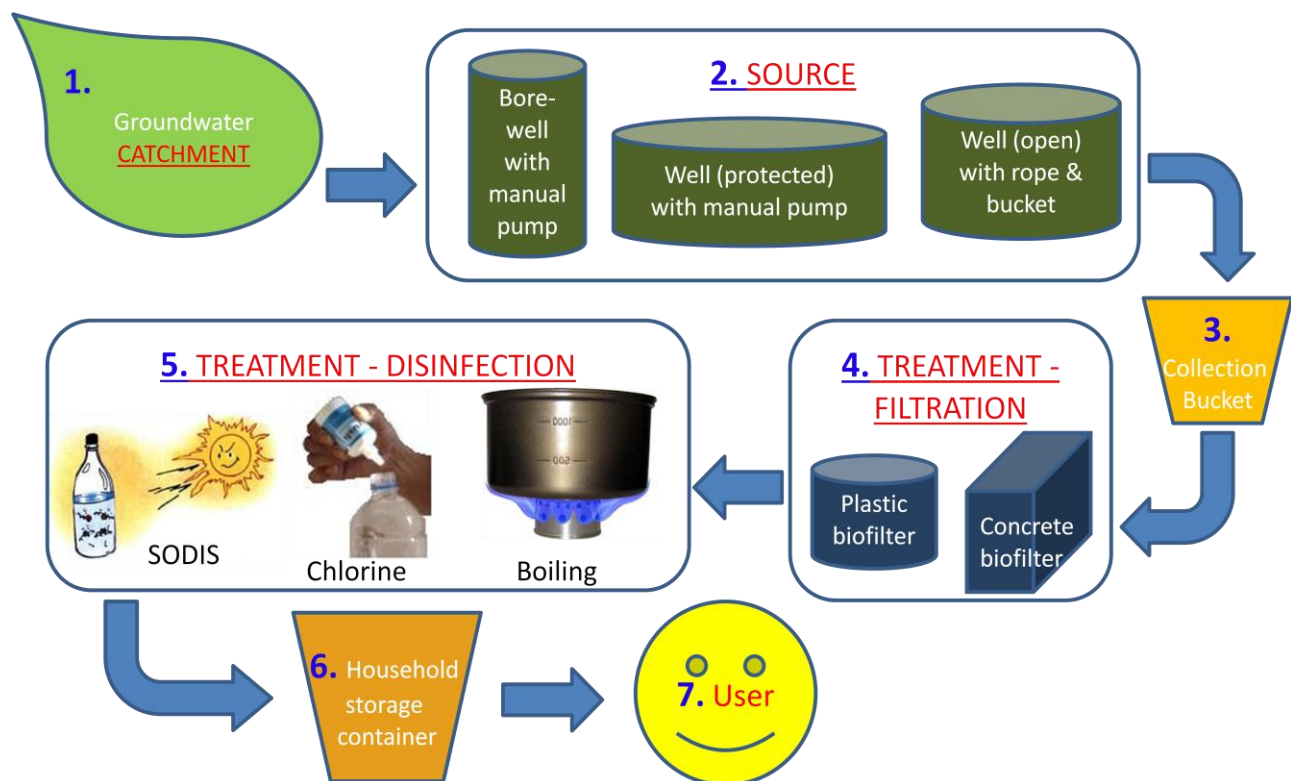




SNAKES & LADDERS - WATER SAFETY PLAN VERSION

Background

'Water Safety Pan (WSP) Snakes & Ladders' was developed from 'sanitation snakes & ladders', as part of a pilot Water Safety Plan (WSP) implementation in a rural Terai (plain) community of Chitwan District, Nepal. In this community drinking water is from point sources (hand-dug wells or bore wells). Many families also use a household biosand filter and disinfection is suggested to ensure minimum risk. The drinking water process flow diagram for this village is shown in the figure below.



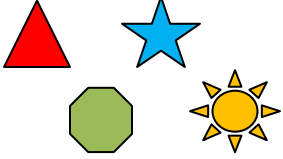



'WSP Snakes & Ladders' was developed according to the hazards identified and hazard control measures developed for this particular community. The game could easily be adapted to any drinking water system or community, ensuring that the hazards and control measures are locally appropriate.



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Rules

	<p>Each player needs a marker to show their position on the board.</p> <p>The winner of the game is the player who's marker reaches the 'FINISH' square first.</p>
	<p>One dice is required for play. Players should take turns to roll the dice and move their marker ahead the number of squares shown on the top of the dice after being rolled.</p>
	<p>If a player lands on a square at the lower end of a ladder, they must move their marker to the square at the top of the ladder.</p>
	<p>If a player lands on a square at the upper end of a snake, they must move their marker to the square at the lower end of the ladder.</p>



WATER SAFETY PLAN GAME - SNAKES & LADDERS

139	138	137	136	135	134	133	132	131	130	7. Use
FINISH		Drinking untreated water			Not washing hands after using toilet					
120	121	122	123	124	125	126	127	128	129	6. Household Storage
			Washing hands before collecting water		Pouring water from storage container			Scooping water from storage container		
119	118	117	116	115	114	113	112	111	110	5. Disinfection
	Storage located on the ground				Storage container disinfected with chlorine				Storage container uncovered	
100	101	102	103	104	105	106	107	108	109	4. Filtration (Biosand filter)
	Storage same container as collection		Storage located in a clean elevated position		Storage container cleaned properly					
99	98	97	96	95	94	93	92	91	90	3. Transport
Use SODIS for 6-8 hours after filtering						Add chlorine to water after filtering				
80	81	82	83	84	85	86	87	88	89	2. Source (Well)
				Boil water and covered cooling		Purchase chlorine. ROLL AGAIN				
79	78	77	76	75	74	73	72	71	70	1. Catchment (Surrounding area)
Chlorine added to biosand filter			Clean biosand filter		Pour into filter without diffuser in place			Biosand filter used twice within 1 hour		
60	61	62	63	64	65	66	67	68	69	1. Catchment (Surrounding area)
	Biosand filter body leaking		When not used, water level is 5cm above sand			Use biosand filter		Filter located outside in unsteady location		
59	58	57	56	55	54	53	52	51	50	1. Catchment (Surrounding area)
			Container used for contaminated water				Transport container uncovered			
40	41	42	43	44	45	46	47	48	49	1. Catchment (Surrounding area)
		Transport container cleaned			Container stored elevated & covered					
39	38	37	36	35	34	33	32	31	30	1. Catchment (Surrounding area)
Handpump and well maintained by caretaker					Handpump broken, so rope & bucket us		Contribute money for well and pump maintenance			
20	21	22	23	24	25	26	27	28	29	1. Catchment (Surrounding area)
				Contaminated water used to prime pump			Well-head cracked or not sealed			
19	18	17	16	15	14	13	12	11	10	1. Catchment (Surrounding area)
	Water ponding in arear around well		Animal kept close to well					Close latrine leads to disinfection or filtration		
0	1	2	3	4	5	6	7	8	9	1. Catchment (Surrounding area)
START			Remove a latrine from close to well			Extend drainage 5m to soak pit				