

Safe Drinking Water Program Report 2025

Submitted to: Tareno AG, Switzerland

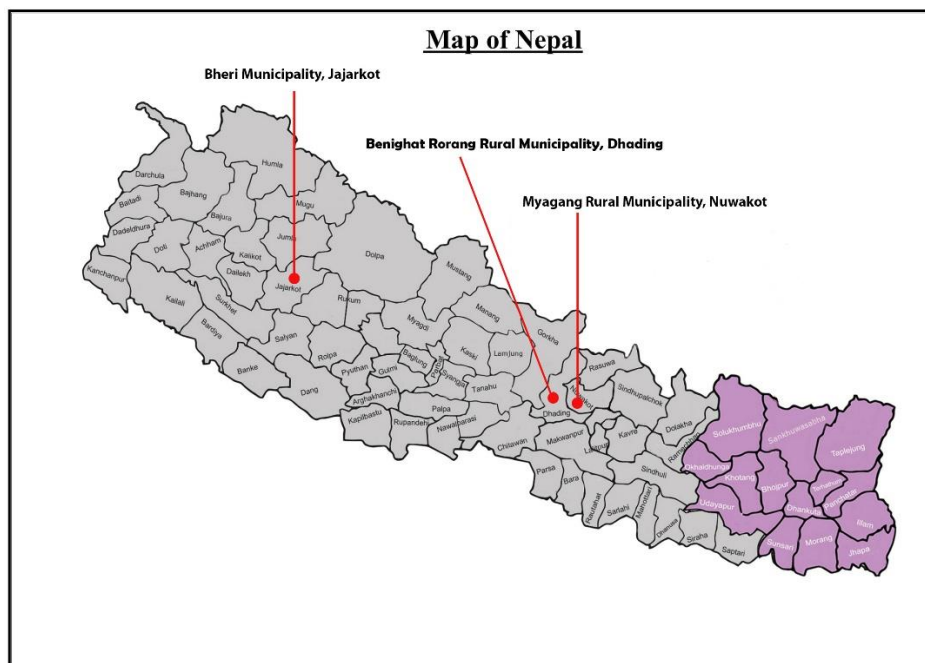
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(January 11, 2026)

Activities Implemented

1. Management of water filter

The stainless steel water filter body and Tulip ceramic candles (developed by Netherlands based <https://www.basicwaterneeds.com/tulip-technology/>) were purchased separately and assembled in ECCA office. This Tulip candle has 3-layer system (Silver impregnated; Granular Activated Carbon; and outer ceramic (diatomaceous earth)) and hence can remove bacteria, turbidity and protozoa. It complies with WHO standards. Depending on the number of users, 13 liter and 18 liter capacity water filter was provided, in which 1 and 2 ceramic candles were fitted respectively. To educate the school teachers/students on how to clean this Tulip ceramic candle, sticker was designed and printed (which illustrated the cleaning procedure). This sticker was pasted on the water filter body. Tareno logo was also pasted.

Required no. of water filters were then transported to the targeted villages / schools.



2. Providing water filter fitted with Tulip ceramic candle

ECCA targeted the schools outside Kathmandu Valley, since there is much need there. The targeted schools were in different regions of Nepal.

District	Municipality	Distance from Kathmandu
Nuwakot	Myagang Rural Municipality	80 km north-west
Jajarkot	Bheri Municipality	625 km west
Dhading	Benighat Rorang Rural Municipality	100 km west

Treated water volume = (101 nos. x 18 liter capacity) + (23 nos. x 13 liter capacity) = 2,117 liters at one time.

However, as per the need of the 3,124 teaching staffs, non-teaching staffs, and students who are inside the school during the day time, there will be multiple water fillings of the water filters.

S.N.	School Name	Address	Teacher and staffs	Students	Total inside school	Stainless steel body Water filter		Tulip candle	Water filter stand	Water bottle (1 Ltr)
						18 liter capacity (fitted with 2 Tulip ceramic candles)	13 liter capacity (fitted with 1 Tulip ceramic candles)			
1	Salakhu Basic School	Myagang Rural Municipality, Nuwakot	5	29	34	2	2	6		
2	Sundaradevi Basic School		6	49	55	2	2	6		
3	Rastriya Basic School		5	33	38	2	2	6		
4	Chakra Devi Basic School		10	80	90	1	2	4		
5	Bhairabi devi Basic School		2	17	19	1	1	3		
6	Myagang Rural Municipality Office					2	0	4		
7	Shree Laxmi Secondary School	Bheri Municipality, Jajarkot	18	359	377	4	3	11		
8	Shree Bijaya Secondary School		15	355	370	4	3	11		
9	Shree Bhagwati Basic School		9	288	297	3	3	9		
10	Shree Nepal Rastriya Basic School		9	155	164	3	3	9		
11	Shree Gyanodaya Primary School		6	105	111	2	2	6		

12	Brusbang Basic school	Benighat Rorang Rural Municipality, Dhading	2	51	53	2	0	4	2	4
13	Bageshwori Basic School		3	90	93	4	0	8	4	12
14	Deurali Basic School		5	80	85	5	0	10	5	10
15	Panchakanya Basic School		3	52	55	3	0	6	3	9
16	Sahara Basic School		2	63	65	3	0	6	3	6
17	Ghairang Basic School		7	104	111	7	0	14	7	16
18	Chandidevi Basic School		3	25	28	5	0	10	5	10
19	Bhumisthan Basic School		7	87	94	7	0	14	7	14
20	Praja Basic School		3	77	80	6	0	12	6	12
21	Laliguras Basic School		2	11	13	2	0	4	2	4
22	Kalanga Child Development Center		1	14	15	1	0	2	1	2
23	Sidhakali Child Development Center		1	14	15	2	0	4	2	4
24	Pipal Bhanjyang Secondary School		20	575	595	18	0	36	18	36
25	Rawal Danda Basic School		11	256	267	10	0	20	10	20
Total				155	2,969	3,124	101	23	225	75



Handover of water filters to the school representatives in the presence of Mayor of Myagang Rural Municipality, Nuwakot



Practical demonstration of the water filter fitting and its proper usage for the school representatives in the presence of Mayor of Myagang Rural Municipality, Nuwakot



Handover of water filters to the school representatives in Bheri Municipality, Jajarkot



Handover of water filters to the school representatives in Bheri Municipality, Jajarkot



Use of water filter in a school in Benighat Rorang Rural Municipality, Dhading

