

**KATHMANDU UPATYAKA KHANEPANI LIMITED**  
**Water / Waste Water Quality Assurance Division , KIRTIPUR**  
**Laboratory Record Of Chemical & Bacteriological Analysis Of Water**  
**Poush 2071**

S.No.	Date	Branch	Location	Sample taken	Turbidity	Colour	p <sup>H</sup>	E.C.	Total Alkalinity	Total Hardness	Total Iron	Total Ammonia	Chloride	F.R.C.	Total Coliforms
					Units → (NTU)	(TCU)		μs/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	100/ml
National Drinking Water Quality Standard (NDWQS)					→ 5 (10)	5 (15)	6.5-8.5	1500		500	0.3 (3)	1.5	250	0.1-0.2	0 in 95% Samples
1	2071/09/01	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.3	58	26	22	0.1	0.02	5.76	0.5	Nil
2	2071/09/01	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.2	34	16	14	0.1	0.02	5.76	0.6	Nil
3	2071/09/02	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.4	54	26	20	0.1	0.02	5.76	0.6	Nil
4	2071/09/03	Madhayapur Thimi	Bode W.T.P.	Treated	Clear/<5	<5	6.5	256	120	100	0.1	0.02	11.5	0.6	Nil
5	2071/09/05	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.3	44	22	18	0.1	0.02	5.76	0.5	Nil
6	2071/09/06	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.5	34	18	16	0.1	0.02	5.76	0.5	Nil
7	2071/09/06	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.8	248	124	140	0.1	0.02	7.68	0.7	Nil
8	2071/09/07	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.3	56	26	20	0.1	0.02	5.76	0.6	Nil
9	2071/09/07	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	6.9	32	16	14	0.1	0.02	5.76	0.6	Nil
10	2071/09/08	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.2	50	24	20	0.1	0.02	5.76	0.7	Nil
11	2071/09/08	Madhayapur Thimi	Bode W.T.P.	Treated	Clear/<5	<5	6.8	250	116	100	0.1	0.02	9.6	0.5	Nil
12	2071/09/08	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.4	42	20	18	0.1	0.02	5.76	0.5	Nil
13	2071/09/08	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	246	122	140	0.1	0.02	7.68	0.6	Nil
14	2071/09/09	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.3	52	26	20	0.1	0.02	5.76	0.6	Nil
15	2071/09/09	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	6.9	32	16	12	0.1	0.02	5.76	0.7	Nil
16	2071/09/10	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.3	50	24	20	0.1	0.02	5.76	0.5	Nil
17	2071/09/11	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.5	42	20	18	0.1	0.02	5.76	0.6	Nil
18	2071/09/11	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.8	242	120	140	0.1	0.02	7.68	0.6	Nil
19	2071/09/11	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.3	52	26	20	0.1	0.02	5.76	0.7	Nil

20	2071/09/12	Madhayapur Thimi	Bode W.T.P.	Treated	Clear/<5	<5	7.2	172	88	60	0.1	0.02	5.76	0.4	Nil
21	2071/09/13	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.5	48	24	20	0.1	0.02	5.76	0.6	Nil
22	2071/09/14	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.9	250	124	140	0.1	0.02	7.68	0.5	Nil
23	2071/09/14	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.5	54	24	20	0.1	0.02	5.76	0.6	Nil
24	2071/09/15	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.4	58	26	20	0.1	0.02	5.76	0.6	Nil
25	2071/09/16	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.4	52	24	20	0.1	0.02	5.76	0.6	Nil
26	2071/09/16	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.2	32	16	14	0.1	0.02	5.76	0.6	Nil
27	2071/09/17	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.3	57	26	20	0.1	0.02	5.76	0.6	Nil
28	2071/09/17	Madhayapur Thimi	Bode W.T.P.	Treated	Clear/<5	<5	7.3	240	110	90	0.1	0.02	5.76	0.4	Nil
29	2071/09/18	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.5	54	24	20	0.1	0.02	5.76	0.6	Nil
30	2071/09/18	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.2	32	16	14	0.1	0.02	5.76	0.6	Nil
31	2071/09/19	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.5	53	24	20	0.1	0.02	5.76	0.6	Nil
32	2071/09/20	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.5	51	24	20	0.1	0.02	5.76	0.6	Nil
33	2071/09/20	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.5	41	20	16	0.1	0.02	5.76	0.6	Nil
34	2071/09/21	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.5	58	26	20	0.1	0.02	5.76	0.6	Nil
35	2071/09/22	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.5	60	30	26	0.1	0.02	5.76	0.7	Nil
36	2071/09/23	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	6.9	40	20	18	0.3	0.02	5.76	0.6	Nil
37	2071/09/23	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.5	62	30	20	0.1	0.02	5.76	0.6	Nil
38	2071/09/24	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.5	60	30	20	0.1	0.02	5.76	0.6	Nil
39	2071/09/24	Madhayapur Thimi	Bode W.T.P.	Treated	Clear/<5	<5	6.9	170	82	60	0.1	0.02	5.76	0.4	Nil
40	2071/09/25	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.4	41	22	20	0.1	0.02	5.76	0.2	Nil
41	2071/09/25	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.5	62	30	20	0.1	0.02	5.76	0.6	Nil
42	2071/09/26	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.5	62	30	20	0.1	0.02	5.76	0.6	Nil
43	2071/09/27	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.3	209	106	120	0.3	0.02	7.68	0.5	Nil
44	2071/09/27	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.5	58	28	22	0.1	0.02	5.76	0.6	Nil
45	2071/09/28	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.7	64	30	16	0.1	0.02	5.76	0.6	Nil
46	2071/09/29	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.3	49	22	18	0.3	0.02	5.76	0.5	Nil
47	2071/09/29	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.1	44	20	18	0.1	0.02	5.76	0.6	Nil
48	2071/09/30	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.5	52	26	22	0.3	0.02	5.76	0.6	Nil
49	2071/09/30	Madhayapur Thi	Bode W.T.P.	Treated	Clear/<5	<5	6.9	160	60	50	0.3	0.02	7.68	0.5	Nil



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