

**KATHMANDU UPATYAKA KHANEPANI LIMITED**  
**Water / Waste Water Quality Assurance Division , KIRTIPUR**  
**Laboratory Record Of Chemical & Bacteriological Analysis Of Water**  
**Kartik 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	Remarks
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	2071/07/02	Maharajung	Bansbari W.T.P	Treated	Clear/<5	<5	7.3	40	20	18	0.1	0.02	5.76	0.6	NII	Satisfactory
2	2071/07/04	Maharajung	Bansbari W.T.P	Treated	Clear/<5	<5	7.3	44	22	20	0.1	0.02	5.76	0.7	NII	Satisfactory
3	2071/07/05	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.0	42	20	16	0.3	0.02	5.76	0.5	NII	Satisfactory
4		Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.3	44	22	20	0.1	0.02	5.76	0.5	NII	Satisfactory
5	2071/07/07	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.2	42	20	16	0.1	0.02	5.76	0.5	NII	Satisfactory
6	2071/07/08	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.3	38	18	16	0.1	0.02	5.76	0.6	NII	Satisfactory
7	2071/07/09	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.4	36	18	16	0.1	0.02	5.76	0.6	NII	Satisfactory
8	2071/07/09	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	7.5	40	20	16	0.3	0.02	5.76	0.6	NII	Satisfactory
9	2071/07/10	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.3	42	20	16	0.1	0.02	5.76	0.6	NII	Satisfactory
10	2071/07/10	Lalitpur	Sainbu W.T.P	Treated	Clear/<5	<5	7.9	252	122	130	0.1	0.02	5.76	0.5	NII	Satisfactory
11	2071/07/11	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.3	40	18	16	0.1	0.02	5.76	0.6	NII	Satisfactory
12	2071/07/12	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.4	44	20	16	0.1	0.02	5.76	0.7	NII	Satisfactory
13	2071/07/13	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.4	42	18	16	0.1	0.02	5.76	0.6	NII	Satisfactory
14	2071/07/13	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	7.5	36	16	14	0.1	0.02	5.76	0.6	NII	Satisfactory
15	2071/07/14	Maharajung	Bansbari W.T.P	Treated	Clear/<5	<5	7.3	42	18	16	0.1	0.02	5.76	0.6	NII	Satisfactory
16	2071/07/15	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.4	42	20	16	0.1	0.02	5.76	0.6	NII	Satisfactory
17	2071/07/16	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.2	40	22	16	0.1	0.02	5.76	0.5	NII	Satisfactory
18	2071/07/17	Madhayapur Thimi	Bode W.T.P.	Treated	Clear/<5	<5	7	170	74	64	0.1	0.02	9.6	0.4	NII	Satisfactory
19	2071/07/17	Lalitpur	Sainbu W.T.P	Treated	Clear/<5	<5	7.5	246	122	130	0.1	0.02	7.68	0.5	NII	Satisfactory
20	2071/07/19	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.4	44	20	18	0.1	0.02	5.76	0.6	NII	Satisfactory

21	2071/07/19	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	7.1	32	16	14	0.3	0.02	5.76	0.6	NII	Satisfactory
22	2071/07/19	Madhayapur Thimi	Bode W.T.P.	Treated	Clear/<5	<5	7	168	70	66	0.1	0.02	5.76	0.6	NII	Satisfactory
23	2071/07/20	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.7	244	122	140	0.1	0.02	7.68	0.7	NII	Satisfactory
24	2071/07/20	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.5	52	26	22	0.1	0.02	5.76	0.7	NII	Satisfactory
25	2071/07/21	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.4	50	24	22	0.1	0.02	5.76	0.6	NII	Satisfactory
26	2071/07/21	Madhayapur Thimi	Bode W.T.P.	Treated	Clear/<5	<5	6.8	160	80	62	0.3	0.02	7.68	0.6	NII	Satisfactory
27	2071/07/22	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.3	54	24	20	0.1	0.02	5.76	0.7	NII	Satisfactory
28	2071/07/23	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.3	48	22	20	0.1	0.02	5.76	0.6	NII	Satisfactory
29	2071/07/23	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	6.9	36	18	16	0.2	0.02	5.76	0.6	NII	Satisfactory
30	2071/07/24	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.9	254	126	140	0.1	0.02	7.68	0.6	NII	Satisfactory
31	2071/07/24	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.5	48	24	22	0.1	0.02	5.76	0.6	NII	Satisfactory
32	2071/07/25	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.0	42	20	16	0.1	0.02	5.76	0.6	NII	Satisfactory
33	2071/07/26	Madhayapur Thimi	Bode W.T.P.	Treated	Clear/<5	<5	7.1	170	70	60	0.1	0.02	5.76	0.6	NII	Satisfactory
34	2071/07/26	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	7.3	42	20	16	0.3	0.02	5.76	0.5	NII	Satisfactory
35	2071/07/26	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.4	44	22	20	0.1	0.02	5.76	0.7	NII	Satisfactory
36	2071/07/27	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.2	42	18	16	0.1	0.02	5.76	0.6	NII	Satisfactory
37	2071/07/27	Lalitpur	Sainbu New W.T.P.	Treated	Clear/<5	<5	7.5	228	106	124	0.1	0.02	7.68	0.5	NII	Satisfactory
38	2071/07/27	Lalitpur	Sainbu Old W.T.P	Treated	Clear/<5	<5	7.5	222	104	120	0.1	0.02	7.68	0.6	NII	Satisfactory
39	2071/07/28	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.4	36	18	16	0.1	0.02	5.76	0.5	NII	Satisfactory
40	2071/07/29	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.4	44	22	22	0.1	0.02	5.76	0.5	NII	Satisfactory
41	2071/07/30	Maharajung	Bansbari W.T.P.	Treated	Clear/<5	<5	7.4	46	24	20	0.1	0.02	5.76	0.6	NII	Satisfactory
42	2071/07/30	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.3	44	20	18	0.1	0.02	5.76	0.6	NII	Satisfactory
43	2071/07/30	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.6	224	104	120	0.1	0.02	5.76	0.6	NII	Satisfactory
44	2071/07/30	Madhayapur Thimi	Bode W.T.P.	Treated	Clear/<5	<5	7.1	172	72	64	0.1	0.02	5.76	0.7	NII	Satisfactory