

**KATHMANDU UPATYAKA KHANEPANI LIMITED**  
**Water / Waste Water Quality Assurance Division , Mahankalchaur**  
**Laboratory Record Of Chemical & Bacteriological Analysis Of Water**  
**Kartik 2075**

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	
					(NTU)	(TCU)		µs/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	/100ml		
<b>Units</b>					→												
<b>National Drinking Water Quality Standard (NDWQS)</b>					→	<b>5 (10)</b>	<b>5 (15)</b>	<b>6.5-8.5</b>	<b>1500</b>		<b>500</b>	<b>0.3 (3)</b>	<b>1.5</b>	<b>250</b>	<b>0.1-0.2</b>	<b>0 in 95% Samples</b>	
1	2075-07-01	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.1	37	12	12	0.1	0.02	4	0.7	0	Satisfactory	
2	2075-07-02	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.2	36	12	10	0.1	0.02	4	0.7	0	Satisfactory	
3	2075-07-03	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.2	38	12	12	0.1	0.02	4	0.6	0	Satisfactory	
4	2075-07-04	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.1	40	14	12	0.1	0.02	4	0.7	0	Satisfactory	
5	2075-07-04	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	6.6	44	12	16	0.1	0.02	5.76	0.4	0	Satisfactory	
6	2075-07-05	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	6.7	45	10	14	0.1	0.02	5.76	0.4	0	Satisfactory	
7	2075-07-05	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.4	39	12	12	0.1	0.02	4	0.6	0	Satisfactory	
8	2075-07-06	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	6.6	40	10	14	0.1	0.02	5.76	0.3	0	Satisfactory	
9	2075-07-06	Lalitpur	Sainbu W.T.P	Treated	Clear/<5	<5	6.8	228	88	106	0.1	0.02	7.68	0.7	0	Satisfactory	
10	2075-07-06	Madhyapur Thimi	Bode W.T.P	Treated	Clear/<5	<5	7.1	267	98	62	0.1	1.6	7.68	0.7	0	Satisfactory	
11	2075-07-06	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.3	40	12	12	0.1	0.02	4	0.7	0	Satisfactory	
12	2075-07-07	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	6.6	40	10	14	0.1	0.02	5.76	0.7	0	Satisfactory	
13	2075-07-07	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.4	39	12	12	0.1	0.02	4	0.6	0	Satisfactory	
14	2075-07-08	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	6.6	42	10	14	0.1	0.02	5.76	0.5	0	Satisfactory	
15	2075-07-08	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.3	45	14	12	0.1	0.02	4	0.7	0	Satisfactory	
16	2075-07-09	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	6.6	43	8	14	0.1	0.02	5.76	0.6	0	Satisfactory	
17	2075-07-09	Lalitpur	Sainbu W.T.P	Treated	Clear/<5	<5	6.5	233	98	106	0.1	0.02	11.52	1.0	0	Satisfactory	
18	2075-07-09	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.2	41	14	12	0.1	0.02	6	0.6	0	Satisfactory	
19	2075-07-10	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.8	42	14	12	0.1	0.02	6	0.7	0	Satisfactory	
20	2075-07-11	Madhyapur Thimi	Bode W.T.P	Treated	Clear/<5	<5	6.8	263	92	64	0.2	1.9	11.52	0.6	0	Satisfactory	
21	2075-07-11	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	6.5	48	8	18	0.1	0.02	5.76	0.4	0	Satisfactory	
22	2075-07-11	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.4	40	14	12	0.1	0.02	4	0.7	0	Satisfactory	
23	2075-07-12	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	6.6	43	8	16	0.1	0.02	5.76	0.5	0	Satisfactory	
24	2075-07-12	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.1	43	14	12	0.1	0.02	4	0.7	0	Satisfactory	
25	2075-07-13	Madhyapur Thimi	Bode W.T.P	Treated	Clear/<5	<5	6.9	256	86	66	0.1	1.6	7.68	0.8	0	Satisfactory	
26	2075-07-13	Lalitpur	Sainbu W.T.P	Treated	Clear/<5	<5	7.1	256	108	122	0.1	0.02	9.6	0.8	0	Satisfactory	
27	2075-07-13	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	6.6	38	10	14	0.1	0.02	5.76	0.8	0	Satisfactory	
28	2075-07-13	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.2	49	16	14	0.1	0.02	4	0.6	0	Satisfactory	

29	2075-07-14	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	6.5	40	8	14	0.1	0.02	5.76	0.6	0	Satisfactory
30	2075-07-14	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.2	42	14	12	0.1	0.02	4	0.5	0	Satisfactory
31	2075-07-15	Madhyapur Thimi	Bode W.T.P	Treated	Clear/<5	<5	7.1	265	88	66	0.2	1.7	9.6	0.7	0	Satisfactory
32	2075-07-15	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	6.5	39	12	6	0.1	0.02	5.76	0.2	0	Satisfactory
33	2075-07-15	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.2	47	16	12	0.1	0.02	4	0.7	0	Satisfactory
34	2075-07-16	Lalitpur	Sainbu W.T.P	Treated	Clear/<5	<5	7.1	258	112	124	0.1	0.02	7.68	0.6	0	Satisfactory
35	2075-07-16	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.1	40	14	12	0.1	0.02	4	0.7	0	Satisfactory
36	2075-07-17	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.2	41	14	12	0.1	0.02	4	0.6	0	Satisfactory
37	2075-07-18	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	6.5	38	10	8	0.1	0.02	5.76	0.5	0	Satisfactory
38	2075-07-18	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.1	42	14	12	0.1	0.02	4	0.7	0	Satisfactory
39	2075-07-19	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	6.5	39	12	8	0.1	0.02	5.76	0.7	0	Satisfactory
40	2075-07-19	Madhyapur Thimi	Bode W.T.P	Treated	Clear/<5	<5	7.1	261	96	56	0.1	1.8	7.68	0.4	0	Satisfactory
41	2075-07-19	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.1	48	16	12	0.1	0.02	4	0.7	0	Satisfactory
42	2075-07-20	Madhyapur Thimi	Mahankalchaur W.T.P	Treated	Clear/<5	<5	6.5	39	10	12	0.1	0.02	5.76	0.5	0	Satisfactory
43	2075-07-20	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.4	54	16	14	0.1	0.02	4	0.7	0	Satisfactory
44	2075-07-21	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.1	49	16	14	0.1	0.02	4	0.7	0	Satisfactory
45	2075-07-22	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.1	52	16	14	0.1	0.02	4	0.7	0	Satisfactory
46	2075-07-23	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.2	56	18	14	0.1	0.02	4	0.7	0	Satisfactory
47	2075-07-24	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.3	59	20	16	0.1	0.02	6	0.7	0	Satisfactory
48	2075-07-25	Madhyapur Thimi	Bode W.T.P	Treated	Clear/<5	<5	6.9	263	90	58	0.1	1.9	9.6	0.6	0	Satisfactory
49	2075-07-25	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	6.5	34	8	10	0.1	0.02	5.76	0.5	0	Satisfactory
50	2075-07-25	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.2	64	24	18	0.1	0.02	6	0.8	0	Satisfactory
51	2075-07-26	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	6.6	42	10	14	0.1	0.02	7.68	0.8	0	Satisfactory
52	2075-07-26	Lalitpur	Sainbu W.T.P	Treated	Clear/<5	<5	7.3	253	108	120	0.1	0.02	9.6	0.8	0	Satisfactory
53	2075-07-26	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.3	60	24	18	0.1	0.02	6	0.1	0	Satisfactory
54	2075-07-27	Madhyapur Thimi	Bode W.T.P	Treated	Clear/<5	<5	6.8	255	98	64	0.1	1.9	11.2	0.5	0	Satisfactory
55	2075-07-27	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	6.5	33	12	8	0.1	0.02	3.84	0.6	0	Satisfactory
56	2075-07-27	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.7	59	24	18	0.1	0.02	6	0.5	0	Satisfactory
57	2075-07-28	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	6.9	38	12	8	0.1	0.02	7.68	0.7	0	Satisfactory
58	2075-07-28	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.2	65	26	18	0.1	0.02	6	0.5	0	Satisfactory
59	2075-07-29	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	6.9	37	12	8	0.1	0.02	5.76	0.8	0	Satisfactory
60	2075-07-29	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.9	66	26	18	0.1	0.02	6	0.5	0	Satisfactory
61	2075-07-30	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	6.5	36	12	8	0.1	0.02	5.76	0.6	0	Satisfactory
62	2075-07-30	Mahankalchaur	Sainbu W.T.P	Treated	Clear/<5	<5	7.2	282	114	126	0.1	0.02	7.68	0.7	0	Satisfactory
63	2075-07-30	Madhyapur Thimi	Bode W.T.P	Treated	Clear/<5	<5	6.9	262	96	66	0.1	1.8	9.6	0.5	0	Satisfactory
64	2075-07-30	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.3	68	28	18	0.1	0.02	6	0.6	0	Satisfactory