

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

S.No.	Date	Branch	Location	Sample taken	Turbidity	Colour	p ^H	E.C.	Total Alkalinity	Total Hardness	Total Iron	Total Ammonia	Chloride	F.R.C.	Total Coliform	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	2075/01/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	44	16	10	0.1	0.02	5.76	0.2	Nil	satisfactory
2	2075/01/02	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.3	264	108	122	0.1	0.02	7.68	0.9	Nil	satisfactory
3	2075/01/03	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.4	50	16	14	0.1	0.02	3.84	0.6	Nil	satisfactory
4	2075/01/03	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.7	74	34	22	0.1	0.02	7.68	0.6	Nil	satisfactory
5	2075/01/03	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	234	98	62	0.3	2.4	15.36	0.3	Nil	satisfactory
6	2075/01/04	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.8	60	22	14	0.1	0.02	5.76	0.2	Nil	satisfactory
7	2075/01/04	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.1	264	108	128	0.1	0.02	7.68	0.5	Nil	satisfactory
8	2075/01/05	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	230	90	60	0.3	2.20	7.68	0.3	Nil	satisfactory
9	2075/01/05	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.9	62	22	14	0.1	0.02	7.68	0.6	Nil	satisfactory
10	2075/01/05	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	92	36	24	0.1	0.02	3.84	0.7	Nil	satisfactory
11	2075/01/06	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	232	82	56	0.1	2.4	5.76	0.3	Nil	satisfactory
12	2075/01/06	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.2	285	112	122	0.1	0.02	12	0.8	Nil	satisfactory
13	2075/01/06	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.9	58	22	18	0.1	0.02	7.68	0.5	Nil	satisfactory
14	2075/01/06	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	71	32	20	0.1	0.02	5.76	0.7	Nil	satisfactory
15	2075/01/07	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.8	50	18	12	0.1	0.02	7.68	0.7	Nil	satisfactory
16	2075/01/07	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	88	38	24	0.1	0.02	7.68	0.6	Nil	satisfactory
17	2075/01/08	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	76	34	20	0.1	0.02	5.76	0.7	Nil	satisfactory
18	2075/01/09	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	49	18	14	0.1	0.02	7.68	0.7	Nil	satisfactory
19	2075/01/09	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.2	285	112	122	0.1	0.02	12	0.8	Nil	satisfactory
20	2075/01/10	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.0	58	20	20	0.1	0.02	5.76	0.3	Nil	satisfactory
21	2075/01/10	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	80	38	24	0.1	0.02	5.76	0.7	Nil	satisfactory
22	2075/01/10	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	260	94	64	0.3	1.2	15	0.4	Nil	satisfactory

23	2075/01/11	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	55	20	14	0.1	0.02	5.76	0.6	Nil	satisfactory
24	2075/01/11	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	83	34	24	0.1	0.02	7.68	0.6	Nil	satisfactory
25	2075/01/12	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	55	20	14	0.1	0.02	5.76	0.6	Nil	satisfactory
26	2075/01/12	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	82	38	26	0.1	0.02	5.76	0.7	Nil	satisfactory
27	2075/01/13	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.4	296	124	120	0.1	0.02	14	0.7	Nil	satisfactory
28	2075/01/13	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	56	20	16	0.1	0.02	7.68	0.5	Nil	satisfactory
29	2075/01/13	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	81	38	24	0.1	0.02	5.76	0.7	Nil	satisfactory
30	2075/01/13	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	219	98	66	0.3	2.40	14	0.5	Nil	satisfactory
31	2075/01/14	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.6	92	18	20	0.3	0.02	9.6	0.7	Nil	satisfactory
32	2075/01/14	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	72	34	22	0.1	0.02	5.76	0.6	Nil	satisfactory
33	2075/01/15	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	86	38	26	0.1	0.02	5.76	0.7	Nil	satisfactory
34	2075/01/16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.8	96	34	36	0.1	0.02	9.6	0.6	Nil	satisfactory
35	2075/01/16	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	230	68	60	0.3	1.2	9.6	0.3	Nil	satisfactory
36	2075/01/17	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	77	34	22	0.1	0.02	5.76	0.7	Nil	satisfactory
37	2075/01/18	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	87	38	26	0.1	0.02	5.76	0.7	Nil	satisfactory
38	2075/01/19	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	42	22	20	0.1	0.02	11.56	0.9	Nil	satisfactory
39	2075/01/19	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	85	36	26	0.1	0.02	5.76	0.6	Nil	satisfactory
40	2075/01/19	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.3	267	120	136	0.1	0.02	7.68	0.3	Nil	satisfactory
41	2075/01/20	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	52	18	16	0.2	0.02	15	0.4	Nil	satisfactory
42	2075/01/20	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	88	38	26	0.1	0.02	5.76	0.6	Nil	satisfactory
43	2075/01/21	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	54	24	20	0.1	0.02	7.68	0.4	Nil	satisfactory
44	2075/01/21	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	80	38	22	0.1	0.02	7.68	0.6	Nil	satisfactory
45	2075/01/22	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	82	36	26	0.1	0.02	5.76	0.7	Nil	satisfactory
46	2075/01/23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	58	20	18	0.1	0.02	12	0.5	Nil	satisfactory
47	2075/01/23	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	78	36	24	0.1	0.02	5.76	0.7	Nil	satisfactory
48	2075/01/24	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/5	5	7.2	52	22	18	0.1	0.02	7.68	0.5	Nil	satisfactory
49	2075/01/24	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	86	38	26	0.1	0.02	5.76	0.7	Nil	satisfactory
50	2075/01/24	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	235	104	68	0.3	2.4	15	0.5	Nil	satisfactory
51	2075/01/25	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	62	24	18	0.1	0.02	7.68	0.5	Nil	satisfactory
52	2075/01/25	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	86	34	28	0.1	0.02	7.68	0.5	Nil	satisfactory
53	2075/01/26	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	96	26	28	0.1	0.02	5.76	0.5	Nil	satisfactory
54	2075/01/26	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	87	38	24	0.1	0.02	5.76	0.7	Nil	satisfactory
55	2075/01/27	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	55	22	16	0.1	0.02	5.76	0.8	Nil	satisfactory

