

KATHMANDU UPATYAKA KHANEPANI LIMITED
Water / Waste Water Quality Assurance Division , Mahankalchaur
Laboratory Record Of Chemical & Bacteriological Analysis Of Water
Shrawan , 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	/100ml	
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	2075/04/01	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	41	14	10	0.1	0.02	7.68	0.6	Nil	satisfactory
2	2075/04/01	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.2	351	110	124	0.1	0.02	11.52	0.3	Nil	satisfactory
3	2075/04/01	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.0	34	14	12	0.1	0.02	5.76	0.7	Nil	satisfactory
4	2075/04/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	60	16	20	0.1	0.02	5.76	0.9	Nil	satisfactory
5	2075/04/02	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	32	12	12	0.1	0.02	5.76	0.7	Nil	satisfactory
6	2075/04/03	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	41	14	12	0.1	0.02	5.76	0.4	Nil	satisfactory
7	2075/04/03	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	32	12	10	0.1	0.02	5.76	0.4	Nil	satisfactory
8	2075/04/04	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	70	10	8	0.1	0.02	9.6	0.5	Nil	satisfactory
9	2075/04/04	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	31	14	10	0.1	0.02	5.76	0.7	Nil	satisfactory
10	2075/04/05	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	33	14	12	0.1	0.02	5.76	0.7	Nil	satisfactory
11	2075/04/06	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	48	8	14	0.1	0.02	5.76	0.5	Nil	satisfactory
12	2075/04/06	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.4	34	14	12	0.1	0.02	5.76	0.6	Nil	satisfactory
13	2075/04/06	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	250	72	58	0.4	2.4	24.96	0.3	Nil	satisfactory
14	2075/04/07	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	78	14	26	0.1	0.02	5.76	0.9	Nil	satisfactory
15	2075/04/07	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	32	12	12	0.1	0.02	5.76	0.7	Nil	satisfactory
16	2075/04/08	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.8	46	14	16	0.1	0.02	5.76	0.4	Nil	satisfactory
17	2075/04/08	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	37	14	12	0.1	0.02	5.76	0.5	Nil	satisfactory
18	2075/04/08	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.2	401	132	144	0.1	0.02	7.68	0.8	Nil	satisfactory
19	2075/04/09	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.8	51	10	12	0.1	0.02	13.44	0.4	Nil	satisfactory
20	2075/04/09	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	273	82	60	0.2	2.8	23.04	0.3	Nil	satisfactory
21	2075/04/09	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.7	51	14	20	0.1	0.02	3.84	0.8	Nil	satisfactory
22	2075/04/10	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	56	8	10	0.1	0.02	9.6	0.4	Nil	satisfactory
23	2075/04/10	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	42	14	12	0.1	0.02	3.84	0.7	Nil	satisfactory
24	2075/04/10	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.2	338	110	116	0.3	2.40	11.52	0.3	Nil	satisfactory

25	2075/04/11	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.9	45	10	10	0.1	0.02	7.68	0.3	Nil	satisfactory
26	2075/04/11	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.6	41	14	16	0.1	0.02	3.84	0.7	Nil	satisfactory
27	2075/04/11	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.2	332	126	120	0.3	2.04	38.4	0.3	Nil	satisfactory
28	2075/04/12	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	46	14	16	0.1	0.02	5.76	0.7	Nil	satisfactory
29	2075/04/13	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	47	16	10	0.1	0.02	7.68	0.3	Nil	satisfactory
30	2075/04/13	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	281	84	80	0.3	2.80	19.2	0.4	Nil	satisfactory
31	2075/04/13	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.0	39	12	16	0.1	0.02	5.76	0.7	Nil	satisfactory
32	2075/04/14	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	48	8	12	0.2	0.02	9.6	0.3	Nil	satisfactory
33	2075/04/14	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	32	10	12	0.1	0.02	5.76	0.7	Nil	satisfactory
34	2075/04/14	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	294	110	112	0.3	2.04	11.52	0.3	Nil	satisfactory
35	2075/04/14	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	6.6	349	122	136	0.1	0.02	11.52	0.6	Nil	satisfactory
36	2075/04/15	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.6	47	12	14	0.1	0.02	7.68	0.5	Nil	satisfactory
37	2075/04/15	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	36	12	14	0.1	0.02	5.76	0.7	Nil	satisfactory
38	2075/04/15	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	258	86	58	0.1	2.4	11.52	0.5	Nil	satisfactory
39	2075/04/16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	40	8	10	0.1	0.02	7.68	0.2	Nil	satisfactory
40	2075/04/16	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	332	106	102	0.3	2.4	7.68	0.3	Nil	satisfactory
41	2075/04/16	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	34	12	10	0.1	0.02	3.84	0.7	Nil	satisfactory
42	2075/04/17	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	35	12	10	0.1	0.02	3.84	0.7	Nil	satisfactory
43	2075/04/18	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	38	8	12	0.1	0.02	5.76	0.4	Nil	satisfactory
44	2075/04/18	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.0	31	10	12	0.1	0.02	3.84	0.4	Nil	satisfactory
45	2075/04/18	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.2	296	102	98	0.3	2.4	5.76	0.3	Nil	satisfactory
46	2075/04/19	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	42	14	16	0.1	0.02	5.76	0.6	Nil	satisfactory
47	2075/04/20	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	58	10	16	0.1	0.02	9.6	0.2	Nil	satisfactory
48	2075/04/20	Maharajgunj	Bansbari WTP	Treated	Clear/5	5	7.1	61	20	24	0.1	0.02	5.76	0.9	Nil	satisfactory
49	2075/04/20	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.2	349	116	112	0.3	1.8	5.76	0.3	Nil	satisfactory
50	2075/04/21	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.6	47	18	14	0.1	0.02	5.76	0.7	Nil	satisfactory
51	2075/04/21	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.6	58	16	14	0.2	0.02	11.52	0.7	Nil	satisfactory
52	2075/04/21	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	259	78	58	0.2	3.2	24.96	0.3	Nil	satisfactory
53	2075/04/22	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	47	14	16	0.1	0.02	5.76	0.8	Nil	satisfactory
54	2075/04/22	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.4	35	14	12	0.1	0.02	3.84	0.7	Nil	satisfactory
55	2075/04/22	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.3	322	110	98	0.2	2.4	5.76	0.5	Nil	satisfactory
56	2075/04/23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.7	68	16	22	0.1	0.02	11.52	0.5	Nil	satisfactory
57	2075/04/23	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.0	40	14	14	0.1	0.02	5.76	0.8	Nil	satisfactory
58	2075/04/23	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.2	298	96	94	0.2	2.4	11.52	0.5	Nil	satisfactory
59	2075/04/24	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.6	38	12	10	0.1	0.02	9.6	0.4	Nil	satisfactory
60	2075/04/24	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.6	41	16	10	0.1	0.02	3.84	0.7	Nil	satisfactory

61	2075/04/24	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	332	124	120	0.3	2.4	11.52	0.7	Nil	satisfactory
62	2075/04/24	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.3	271	112	128	0.1	0.02	7.68	0.5	Nil	satisfactory
63	2075/04/25	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	42	16	12	0.1	0.02	5.76	0.8	Nil	satisfactory
64	2075/04/25	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	35	10	12	0.1	0.02	7.68	0.5	Nil	satisfactory
65	2075/04/25	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	320	120	122	0.2	2.4	5.76	0.6	Nil	satisfactory
66	2075/04/26	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	40	14	14	0.1	0.02	5.76	0.7	Nil	satisfactory
67	2075/04/27	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	41	8	10	0.1	0.02	9.6	0.4	Nil	satisfactory
68	2075/04/27	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.2	320	120	116	0.2	2.04	11.52	0.5	Nil	satisfactory
69	2075/04/27	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	45	16	14	0.1	0.02	5.76	0.9	Nil	satisfactory
70	2075/04/28	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	44	14	16	0.2	0.02	5.76	0.6	Nil	satisfactory
71	2075/04/28	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.0	48	12	16	0.2	0.02	5.76	0.7	Nil	satisfactory