

KATHMANDU UPATYAKA KHANEPANI LIMITED
Water / Waste Water Quality Assurance Division , Mahankalchaur
Laboratory Record Of Chemical & Bacteriological Analysis Of Water
Kartik 2076

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 Coliforms	Remarks
					(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	2076/07/01	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	34	12	10	0.1	0.02	3.84	0.6	0	Satisfactory
2	2076/07/01	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	285	100	50	0.3	1.5	19.2	0.1	0	Satisfactory
3	2076/07/01	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.9	295	96	120	0.1	0.02	5.76	0.7	0	Satisfactory
4	2076/07/01	Mahankalchaur	Mahanakalchaur WTP	Treated	Clear/<5	<5	7.4	29	10	8	0.1	0.02	5.76	0.2	0	Satisfactory
5	2076/07/02	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	36	14	10	0.1	0.02	5.76	0.6	0	Satisfactory
6	2076/07/02	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	298	98	120	0.1	0.02	5.76	0.7	0	Satisfactory
7	2076/07/03	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	43	14	10	0.1	0.02	3.84	0.5	0	Satisfactory
8	2076/07/03	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	283	88	48	0.3	1.5	9.6	0.1	0	Satisfactory
9	2076/07/03	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	296	100	120	0.1	0.02	5.76	0.8	0	Satisfactory
10	2076/07/03	Mahankalchaur	Mahanakalchaur WTP	Treated	Clear/<5	<5	7.1	29	12	10	0.3	0.02	5.76	0.2	0	Satisfactory
11	2076/07/04	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	42	14	12	0.1	0.02	3.84	0.6	0	Satisfactory
12	2076/07/04	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	293	112	56	0.3	1.6	11.52	0.0	0	Satisfactory
13	2076/07/04	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	294	96	120	0.1	0.02	5.76	0.5	0	Satisfactory
14	2076/07/04	Mahankalchaur	Mahanakalchaur WTP	Treated	Clear/<5	<5	7.3	30	14	10	0.2	0.02	5.76	0.2	0	Satisfactory
15	2076/07/05	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	40	14	10	0.1	0.02	3.84	0.6	0	Satisfactory
16	2076/07/05	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	285	108	50	0.3	1.5	13.44	0.2	0	Satisfactory
17	2076/07/05	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.9	298	100	124	0.1	0.02	5.76	0.7	0	Satisfactory
18	2076/07/05	Mahankalchaur	Mahanakalchaur WTP	Treated	Clear/7	<5	7.3	33	14	10	0.2	0.02	5.76	0.2	0	Satisfactory
19	2076/07/06	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	52	16	12	0.1	0.02	5.76	0.6	0	Satisfactory
20	2076/07/06	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	297	90	46	0.3	1.6	15.36	0.2	0	Satisfactory
21	2076/07/06	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	295	96	120	0.1	0.02	5.76	0.6	0	Satisfactory
22	2076/07/06	Mahankalchaur	Mahanakalchaur WTP	Treated	Clear/<5	<5	7.5	33	14	12	0.2	0.02	3.84	0.2	0	Satisfactory
23	2076/07/07	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	38	14	10	0.1	0.02	5.76	0.5	0	Satisfactory
24	2076/07/07	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	298	104	50	0.3	1.5	11.52	0.2	0	Satisfactory
25	2076/07/07	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.9	306	100	130	0.1	0.02	7.68	0.7	0	Satisfactory
26	2076/07/07	Mahankalchaur	Mahanakalchaur WTP	Treated	Clear/<5	<5	7.1	33	12	10	0.2	0.02	7.86	0.3	0	Satisfactory
27	2076/07/08	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	287	90	50	0.3	1.5	13.44	0.2	0	Satisfactory

28	2076/07/08	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	296	98	120	0.1	0.02	5.76	0.6	0	Satisfactory
29	2076/07/08	Mahankalchaur	Mahanakalchaur WTP	Treated	Clear/7	<5	6.8	30	12	10	0.2	0.02	5.76	0.3	0	Satisfactory
30	2076/07/09	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	42	14	12	0.1	0.02	5.76	0.6	0	Satisfactory
31	2076/07/10	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	52	16	12	0.1	0.02	3.84	0.6	0	Satisfactory
32	2076/07/11	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	39	12	10	0.1	0.02	3.84	0.6	0	Satisfactory
33	2076/07/12	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	40	12	10	0.1	0.02	3.84	0.6	0	Satisfactory
34	2076/07/13	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	42	14	12	0.1	0.02	5.76	0.6	0	Satisfactory
35	2076/07/14	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	37	16	12	0.1	0.02	3.84	0.5	0	Satisfactory
36	2076/07/14	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	317	86	48	0.3	1.5	9.6	0.3	0	Satisfactory
37	2076/07/14	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	294	96	120	0.1	0.02	5.76	0.6	0	Satisfactory
38	2076/07/14	Mahankalchaur	Mahanakalchaur WTP	Treated	Clear/10	<5	7.7	33	10	10	0.3	0.02	5.76	0.5	0	Satisfactory
39	2076/07/15	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	42	16	12	0.1	0.02	5.76	0.6	0	Satisfactory
40	2076/07/15	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	292	114	56	0.3	1.5	17.28	0.5	0	Satisfactory
41	2076/07/15	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	298	100	124	0.1	0.02	5.76	0.5	0	Satisfactory
42	2076/07/15	Mahankalchaur	Mahanakalchaur WTP	Treated	Clear/10	<5	7.6	41	20	12	0.2	0.02	5.76	0.5	0	Satisfactory
43	2076/07/16	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	35	14	10	0.1	0.02	5.76	0.2	0	Satisfactory
44	2076/07/17	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	36	14	10	0.1	0.02	3.84	0.5	0	Satisfactory
45	2076/07/17	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7	290	88	52	0.3	1.5	9.6	0.3	0	Satisfactory
46	2076/07/17	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.2	299	100	122	0.1	0.02	5.76	0.7	0	Satisfactory
47	2076/07/17	Mahankalchaur	Mahanakalchaur WTP	Treated	Clear/6	<5	7.5	37	14	14	0.3	0.02	5.76	0.4	0	Satisfactory
48	2076/07/18	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	41	16	12	0.1	0.02	5.76	0.6	0	Satisfactory
49	2076/07/18	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	229	90	42	0.3	1.6	9.6	0.2	0	Satisfactory
50	2076/07/18	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.3	326	110	130	0.1	0.02	7.68	0.6	0	Satisfactory
51	2076/07/18	Mahankalchaur	Mahanakalchaur WTP	Treated	Clear/7	<5	7.8	46	10	14	0.2	0.02	5.76	0.3	0	Satisfactory
52	2076/07/19	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	38	16	12	0.1	0.02	5.76	0.5	0	Satisfactory
53	2076/07/19	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	225	90	44	0.3	1.5	9.6	0.3	0	Satisfactory
54	2076/07/19	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	291	100	120	0.1	0.02	7.68	0.5	0	Satisfactory
55	2076/07/19	Mahankalchaur	Mahanakalchaur WTP	Treated	Clear/9	<5	7.8	50	16	12	0.3	0.02	5.76	0.4	0	Satisfactory
56	2076/07/20	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	38	14	10	0.1	0.02	5.76	0.7	0	Satisfactory
57	2076/07/20	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	252	86	52	0.3	1.5	12.36	0.3	0	Satisfactory
58	2076/07/20	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	301	102	122	0.1	0.02	7.68	0.5	0	Satisfactory
59	2076/07/20	Mahankalchaur	Mahanakalchaur WTP	Treated	Clear/6	<5	7.4	41	14	16	0.2	0.02	3.84	0.3	0	Satisfactory
60	2076/07/21	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	39	14	10	0.1	0.02	3.84	0.5	0	Satisfactory
61	2076/07/21	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	238	88	50	0.3	1.5	9.6	0.2	0	Satisfactory
62	2076/07/21	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.3	294	102	122	0.1	0.02	7.68	0.8	0	Satisfactory
63	2076/07/21	Mahankalchaur	Mahanakalchaur WTP	Treated	Clear/9	<5	7.6	43	12	10	0.2	0.02	7.68	0.2	0	Satisfactory
64	2076/07/22	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	39	14	10	0.1	0.02	3.84	0.5	0	Satisfactory
65	2076/07/22	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	273	88	42	0.3	1.5	19.2	0.8	0	Satisfactory

66	2076/07/22	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	300	100	120	0.1	0.02	7.68	0.7	0	Satisfactory
67	2076/07/22	Mahankalchaur	Mahanakalchaur WTP	Treated	Clear/<5	<5	7.4	49	10	12	0.3	0.02	5.76	0.2	0	Satisfactory
68	2076/07/23	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	39	14	10	0.1	0.02	3.84	0.5	0	Satisfactory
69	2076/07/24	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	38	14	10	0.1	0.02	3.84	0.5	0	Satisfactory
70	2076/07/24	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	255	88	42	0.3	1.5	7.68	0.2	0	Satisfactory
71	2076/07/24	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	302	100	122	0.1	0.02	7.68	0.3	0	Satisfactory
72	2076/07/24	Mahankalchaur	Mahanakalchaur WTP	Treated	Clear/5	<5	7	46	10	14	0.1	0.02	5.76	0.5	0	Satisfactory
73	2076/07/25	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	45	14	12	0.1	0.02	5.76	0.6	0	Satisfactory
74	2076/07/25	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.2	277	96	44	0.3	1.5	13.44	0.5	0	Satisfactory
75	2076/07/25	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	320	104	126	0.1	0.02	7.68	0.1	0	Satisfactory
76	2076/07/25	Mahankalchaur	Mahanakalchaur WTP	Treated	Clear/8	<5	7.1	35	12	10	0.3	0.02	5.76	0.2	0	Satisfactory
77	2076/07/26	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	41	14	10	0.1	0.02	3.84	0.5	0	Satisfactory
78	2076/07/26	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	247	88	46	0.3	1.5	9.6	0.1	0	Satisfactory
79	2076/07/26	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.3	315	102	124	0.1	0.02	7.68	0.7	0	Satisfactory
80	2076/07/26	Mahankalchaur	Mahanakalchaur WTP	Treated	Clear/<5	<5	7.3	56	12	16	0.2	0.02	5.76	0.2	0	Satisfactory
81	2076/07/27	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	39	14	10	0.1	0.02	5.76	0.5	0	Satisfactory
82	2076/07/27	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	236	88	80	0.3	1.5	9.6	0.2	0	Satisfactory
83	2076/07/27	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	292	98	120	0.1	0.02	7.68	0.1	0	Satisfactory
84	2076/07/27	Mahankalchaur	Mahanakalchaur WTP	Treated	Clear/8	<5	7.6	34	12	10	0.2	0.02	5.76	0.2	0	Satisfactory
85	2076/07/28	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	43	16	12	0.1	0.02	5.76	0.5	0	Satisfactory
86	2076/07/28	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	245	86	46	0.3	1.5	9.6	0.2	0	Satisfactory
87	2076/07/28	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	294	112	120	0.1	0.02	7.68	0.4	0	Satisfactory
88	2076/07/28	Mahankalchaur	Mahanakalchaur WTP	Treated	Clear/5	<5	7.7	47	12	16	0.2	0.02	5.76	0.1	0	Satisfactory
89	2076/07/29	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	39	14	10	0.1	0.02	3.84	0.5	0	Satisfactory
90	2076/07/29	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.3	291	110	120	0.1	0.02	7.68	0.6	0	Satisfactory
91	2076/07/29	Mahankalchaur	Mahanakalchaur WTP	Treated	Clear/6	<5	7.7	55	10	14	0.2	0.02	5.76	0.2	0	Satisfactory
92	2076/07/30	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	46	16	12	0.1	0.02	3.84	0.5	0	Satisfactory
93	2076/07/30	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	240	90	56	0.3	1.6	11.52	0.1	0	Satisfactory