

KATHMANDU UPATYAKA KHANEPANI LIMITED
Water / Waste Water Quality Assurance Division , Mahankalchaur
Laboratory Record Of Chemical & Bacteriological Analysis Of Water
Shrawan 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	/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	2076/04/01	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	59	20	20	0.1	0.02	7.68	0.7	0	Satisfactory
2	2076/04/01	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	220	92	60	0.3	2	7.68	0.1	0	Satisfactory
3	2076/04/01	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	6.5	38	10	14	0.2	0.02	7.68	0.5	0	Satisfactory
4	2076/04/02	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	54	20	16	0.1	0.02	7.68	0.6	0	Satisfactory
5	2076/04/02	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	253	106	52	0.3	1.7	5.76	0.1	0	Satisfactory
6	2076/04/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.9	60	18	14	0.3	0.02	7.68	0.3	0	Satisfactory
7	2076/04/03	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	61	20	18	0.2	0.02	5.76	0.6	0	Satisfactory
8	2076/04/03	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	252	104	50	0.3	1.7	9.6	0.7	0	Satisfactory
9	2076/04/03	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	6.8	56	18	14	0.3	0.02	7.68	0.3	0	Satisfactory
10	2076/04/04	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	47	18	12	0.1	0.02	5.76	0.7	0	Satisfactory
11	2076/04/05	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	47	18	12	0.1	0.02	5.76	0.7	0	Satisfactory
12	2076/04/05	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9	<5	7.1	57	16	14	0.1	0.02	7.68	0.3	0	Satisfactory
13	2076/04/06	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	49	18	10	0.1	0.02	5.76	0.7	0	Satisfactory
14	2076/04/06	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	220	96	56	0.3	1.7	9.6	0.1	0	Satisfactory
15	2076/04/06	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	35	14	12	0.1	0.02	7.68	0.2	0	Satisfactory
16	2076/04/07	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.10	61	24	24	0.2	0.02	5.76	0.7	0	Satisfactory
17	2076/04/07	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	6.9	36	14	12	0.1	0.02	3.84	0.1	0	Satisfactory
18	2076/04/08	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	52	20	12	0.1	0.02	5.76	0.6	0	Satisfactory
19	2076/04/08	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	252	104	58	0.3	0.8	7.6	0.1	0	Satisfactory
20	2076/04/08	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9	<5	6.5	34	12	12	0.3	0.02	5.76	0.3	0	Satisfactory
21	2076/04/09	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	49	18	12	0.1	0.02	7.68	0.6	0	Satisfactory
22	2076/04/09	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.1	352	112	128	0.1	0.02	7.68	0.6	0	Satisfactory
23	2076/04/09	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	302	128	96	0.1	1.7	9.6	0.4	0	Satisfactory
24	2076/04/09	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	39	12	14	0.1	0.02	5.76	0.3	0	Satisfactory
25	2076/04/10	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	57	18	12	0.1	0.02	7.68	0.6	0	Satisfactory
26	2076/04/10	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.2	397	122	150	0.1	0.02	7.68	0.5	0	Satisfactory
27	2076/04/10	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	258	108	52	0.3	1.7	9.6	0.4	0	Satisfactory

28	2076/04/10	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	6.5	35	16	14	0.3	0.02	5.76	0.1	0	Satisfactory
29	2076/04/11	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	51	18	12	0.1	0.02	5.76	0.6	0	Satisfactory
30	2076/04/12	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	48	16	12	0.1	0.02	7.68	0.6	0	Satisfactory
31	2076/04/12	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.4	392	120	150	0.1	0.02	7.68	0.5	0	Satisfactory
32	2076/04/12	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	256	108	50	0.3	2	13.4	0.6	0	Satisfactory
33	2076/04/12	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	6.5	44	16	14	0.2	0.02	5.76	0.3	0	Satisfactory
34	2076/04/12	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9	<5	6.5	42	14	10	0.3	0.02	7.68	0.5	0	Satisfactory
35	2076/04/13	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	52	18	12	0.1	0.02	5.76	0.6	0	Satisfactory
36	2076/04/13	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.2	345	112	126	0.1	0.02	7.68	0.5	0	Satisfactory
37	2076/04/13	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	300	100	76	0.3	1.6	26.88	0.5	0	Satisfactory
38	2076/04/14	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	55	18	12	0.1	0.02	7.68	0.6	0	Satisfactory
39	2076/04/14	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.3	378	120	142	0.1	0.02	7.68	0.7	0	Satisfactory
40	2076/04/14	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	248	100	48	0.2	1.6	13.4	0.4	0	Satisfactory
41	2076/04/14	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	46	16	16	0.2	0.02	7.68	0.8	0	Satisfactory
42	2076/04/15	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	51	16	12	0.1	0.02	5.76	0.7	0	Satisfactory
43	2076/04/15	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.2	350	114	134	0.1	0.02	7.68	0.6	0	Satisfactory
44	2076/04/15	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	245	94	48	0.3	1.7	11.52	0.3	0	Satisfactory
45	2076/04/15	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	6.5	41	10	12	0.3	0.02	5.76	0.3	0	Satisfactory
46	2076/04/16	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	52	18	12	0.1	0.02	5.76	0.7	0	Satisfactory
47	2076/04/16	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.4	390	120	148	0.1	0.02	7.68	0.7	0	Satisfactory
48	2076/04/16	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	289	120	70	0.3	1.6	13.4	0.5	0	Satisfactory
49	2076/04/16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.5	50	16	18	0.3	0.02	7.68	0.3	0	Satisfactory
50	2076/04/17	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	50	16	12	0.1	0.02	7.68	0.6	0	Satisfactory
51	2076/04/17	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.2	350	114	132	0.1	0.02	7.68	0.5	0	Satisfactory
52	2076/04/17	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	262	108	54	0.3	1.6	15.36	0.6	0	Satisfactory
53	2076/04/17	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	6.5	56	20	16	0.3	0.02	5.76	0.3	0	Satisfactory
54	2076/04/18	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	46	16	10	0.1	0.02	5.76	0.6	0	Satisfactory
55	2076/04/19	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	53	20	14	0.1	0.02	7.68	0.6	0	Satisfactory
56	2076/04/19	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.6	338	114	134	0.1	0.02	7.68	0.7	0	Satisfactory
57	2076/04/19	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	258	100	50	0.3	1.7	5.76	0.3	0	Satisfactory
58	2076/04/19	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9	<5	6.5	51	20	18	0.2	0.02	7.68	0.7	0	Satisfactory
59	2076/04/20	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	49	20	14	0.1	0.02	5.76	0.7	0	Satisfactory
60	2076/04/20	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.2	351	114	130	0.1	0.02	7.68	0.7	0	Satisfactory
61	2076/04/20	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	267	110	58	0.3	1.7	19.2	0.4	0	Satisfactory
62	2076/04/20	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.5	47	14	10	0.3	0.02	3.84	0.3	0	Satisfactory
63	2076/04/21	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	43	16	12	0.1	0.02	5.76	0.6	0	Satisfactory
64	2076/04/21	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.3	387	120	150	0.1	0.02	7.68	0.6	0	Satisfactory
65	2076/04/21	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	268	110	60	0.3	1.7	17.2	0.2	0	Satisfactory

66	2076/04/21	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	6.5	39	18	16	0.2	0.02	3.84	0.4	0	Satisfactory
67	2076/04/22	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	48	18	12	0.1	0.02	7.68	0.6	0	Satisfactory
68	2076/04/22	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.4	342	110	134	0.1	0.02	7.68	0.6	0	Satisfactory
69	2076/04/22	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	259	102	52	0.3	1.6	9.6	0.2	0	Satisfactory
70	2076/04/22	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.5	49	16	18	0.2	0.02	5.76	0.4	0	Satisfactory
71	2076/04/23	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	50	18	12	0.1	0.02	7.68	0.6	0	Satisfactory
72	2076/04/23	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	291	102	60	0.2	1.6	15.36	0.1	0	Satisfactory
73	2076/04/23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/5	<5	6.5	44	16	18	0.2	0.02	5.76	0.3	0	Satisfactory
74	2076/04/24	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	47	16	10	0.1	0.02	7.68	0.6	0	Satisfactory
75	2076/04/24	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	300	104	62	0.3	1.5	15.36	0.4	0	Satisfactory
76	2076/04/24	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.5	46	22	18	0.3	0.02	5.76	0.3	0	Satisfactory
77	2076/04/26	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	47	16	10	0.1	0.02	5.76	0.6	0	Satisfactory
78	2076/04/26	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.2	356	104	136	0.1	0.02	7.68	0.5	0	Satisfactory
79	2076/04/26	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	282	96	54	0.3	1.6	17.2	0.1	0	Satisfactory
80	2076/04/26	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.8	63	20	22	0.1	0.02	7.68	0.3	0	Satisfactory
81	2076/04/27	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	43	16	10	0.1	0.02	5.76	0.6	0	Satisfactory
82	2076/04/27	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.1	348	114	130	0.1	0.02	7.68	0.7	0	Satisfactory
83	2076/04/27	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	274	110	80	0.3	1.6	17.2	0.3	0	Satisfactory
84	2076/04/27	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	34	14	16	0.3	0.02	5.76	0.3	0	Satisfactory
85	2076/04/28	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.4	69	16	26	0.1	0.02	5.76	0.7	0	Satisfactory
86	2076/04/28	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.2	387	120	150	0.1	0.02	7.68	0.6	0	Satisfactory
87	2076/04/28	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	245	92	48	0.3	1.6	9.6	0.3	0	Satisfactory
88	2076/04/28	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.5	71	26	28	0.2	0.02	5.76	0.2	0	Satisfactory
89	2076/04/29	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	50	16	10	0.1	0.02	5.76	0.6	0	Satisfactory
90	2076/04/29	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.3	379	120	142	0.1	0.02	7.68	0.6	0	Satisfactory
91	2076/04/29	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	275	110	82	0.3	1.6	9.6	0.4	0	Satisfactory
92	2076/04/29	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.7	59	24	22	0.1	0.02	5.76	0.3	0	Satisfactory
93	2076/04/30	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	45	14	10	0.1	0.02	5.76	0.6	0	Satisfactory
94	2076/04/30	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.2	338	114	134	0.1	0.02	7.68	0.7	0	Satisfactory
95	2076/04/30	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	270	98	78	0.3	1.7	11.52	0.6	0	Satisfactory
96	2076/04/30	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	41	18	20	0.2	0.02	7.68	0.2	0	Satisfactory
97	2076/04/31	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	47	16	12	0.1	0.02	5.76	0.6	0	Satisfactory