

KATHMANDU UPATYAKA KHANEPANI LIMITED
Water / Waste Water Quality Assurance Division , Mahankalchaur
Laboratory Record Of Chemical & Bacteriological Analysis Of Water
Magh 2078

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
Units					(NTU)	(TCU)	pH	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	2078/10/01	Maharajgunj	Bansbari WTP	Treated	Clear/2.32	<5	6.9	57.3	18	16	0.1	0.02	5.76	0.6	0	Satisfactory
2	2078/10/02	Madhyapur Thimi	Bode WTP	Treated	Clear/1.95	<5	6.6	290.0	60	58	0.3	1.8	11.5	0.3	0	Satisfactory
3	2078/10/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.3	<5	7.8	60.4	12	14	0.1	0.02	5.76	0.6	0	Satisfactory
4	2078/10/02	Lalitpur	Sainbu WTP	Treated	Clear/2.01	<5	7.8	229.0	341	86	0.1	0.02	5.76	0.5	0	Satisfactory
5	2078/10/02	Maharajgunj	Bansbari WTP	Treated	Clear/2.76	<5	6.9	63.2	22	16	0.1	0.02	5.76	0.5	0	Satisfactory
6	2078/10/03	Madhyapur Thimi	Bode WTP	Treated	Clear/1.41	<5	6.8	310.0	58	60	0.3	1.8	11.52	0.3	0	Satisfactory
7	2078/10/03	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/0.97	<5	7.6	59.6	14	12	0.1	0.02	5.76	0.6	0	Satisfactory
8	2078/10/03	Lalitpur	Sainbu WTP	Treated	Clear/0.81	<5	7.9	248.0	104	90	0.1	0.02	7.68	0.4	0	Satisfactory
9	2078/10/03	Maharajgunj	Bansbari WTP	Treated	Clear/2.37	<5	6.9	59.6	20	16	0.1	0.02	5.76	0.6	0	Satisfactory
10	2078/10/04	Madhyapur Thimi	Bode WTP	Treated	Clear/2.15	<5	6.7	273.0	66	60	0.3	1.8	11.56	0.4	0	Satisfactory
11	2078/10/04	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.06	<5	7.6	62.2	18	14	0.1	0.02	5.76	0.6	0	Satisfactory
12	2078/10/04	Lalitpur	Sainbu WTP	Treated	Clear/0.28	<5	7.6	223.0	94	80	0.1	0.02	5.76	0.8	0	Satisfactory
13	2078/10/04	Maharajgunj	Bansbari WTP	Treated	Clear/3.11	<5	6.9	56.3	18	14	0.1	0.02	5.76	0.7	0	Satisfactory
14	2078/10/05	Maharajgunj	Bansbari WTP	Treated	Clear/2.72	<5	6.9	63.0	22	16	0.1	0.02	5.76	0.5	0	Satisfactory
15	2078/10/05	Madhyapur Thimi	Bode WTP	Treated	Clear/1.22	<5	6.5	291.0	64	62	0.3	1.8	11.52	0.8	0	Satisfactory
16	2078/10/05	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.1	<5	7.5	49.3	16	14	0.1	0.02	5.76	0.7	0	Satisfactory
17	2078/10/06	Maharajgunj	Bansbari WTP	Treated	Clear/3.02	<5	6.9	56.8	18	16	0.1	0.02	5.76	0.4	0	Satisfactory
18	2078/10/06	Madhyapur Thimi	Bode WTP	Treated	Clear/1.20	<5	6.6	314.0	78	64	0.3	1.8	11.52	0.5	0	Satisfactory
19	2078/10/06	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.82	<5	7.7	49.1	16	14	0.1	0.02	5.76	0.6	0	Satisfactory
20	2078/10/06	Lalitpur	Sainbu WTP	Treated	Clear/0.17	<5	7.6	250.0	94	90	0.1	0.02	5.76	0.6	0	Satisfactory
21	2078/10/07	Maharajgunj	Bansbari WTP	Treated	Clear/3.13	<5	6.9	58.2	20	16	0.1	0.02	5.76	0.6	0	Satisfactory
22	2078/10/07	Madhyapur Thimi	Bode WTP	Treated	Clear/2.31	<5	6.7	366.0	60	58	0.3	1.8	11.52	0.5	0	Satisfactory
23	2078/10/07	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/2.33	<5	6.8	57.9	18	14	0.1	0.02	5.76	0.6	0	Satisfactory
24	2078/10/07	Lalitpur	Sainbu WTP	Treated	Clear/1.82	<6	7.8	237.0	94	86	0.1	0.02	7.68	0.5	0	Satisfactory
25	2078/10/08	Maharajgunj	Bansbari WTP	Treated	Clear/3.04	<5	6.9	56.5	18	14	0.1	0.02	5.76	0.5	0	Satisfactory
26	2078/10/09	Madhyapur Thimi	Bode WTP	Treated	Clear/1.29	<5	6.9	296.0	60	58	0.3	1.8	11.52	0.8	0	Satisfactory
27	2078/10/09	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/2.18	<5	7.5	56.3	18	14	0.1	0.02	3.84	0.6	0	Satisfactory
28	2078/10/09	Maharajgunj	Bansbari WTP	Treated	Clear/2.32	<5	6.9	59.3	20	16	0.1	0.02	5.76	0.4	0	Satisfactory
29	2078/10/10	Madhyapur Thimi	Bode WTP	Treated	Clear/0.97	<5	6.9	298.0	66	64	0.3	1.8	7.68	0.5	0	Satisfactory
30	2078/10/10	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.17	<5	6.6	55.4	12	14	0.1	0.02	3.84	0.6	0	Satisfactory
31	2078/10/10	Maharajgunj	Bansbari WTP	Treated	Clear/3.43	<5	6.9	64.2	22	16	0.1	0.02	5.76	0.5	0	Satisfactory
32	2078/10/11	Madhyapur Thimi	Bode WTP	Treated	Clear/0.93	<5	6.9	305.0	60	58	0.3	1.8	11.52	0.8	0	Satisfactory
33	2078/10/11	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/3.5	<5	7.5	32.0	8	10	0.1	0.02	3.84	0.4	0	Satisfactory
34	2078/10/11	Maharajgunj	Bansbari WTP	Treated	Clear/2.72	<5	6.9	42.7	12	12	0.1	0.02	3.84	0.6	0	Satisfactory

35	2078/10/12	Maharajgunj	Bansbari WTP	Treated	Clear/2.84	<5	7.1	46.3	14	12	0.1	0.02	5.76	0.4	0	Satisfactory
36	2078/10/12	Madhyapur Thimi	Bode WTP	Treated	Clear/0.98	<5	6.9	312.0	58	60	0.3	1.8	11.52	0.3	0	Satisfactory
37	2078/10/12	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.9	<5	6.9	64.2	10	12	0.1	0.02	3.84	0.6	0	Satisfactory
38	2078/10/13	Lalitpur	Sainbu WTP	Treated	Clear/0.97	<5	7.8	243.0	94	88	0.1	0.02	5.76	0.7	0	Satisfactory
39	2078/10/13	Maharajgunj	Bansbari WTP	Treated	Clear/2.35	<5	7.1	47.2	14	12	0.1	0.02	5.76	0.6	0	Satisfactory
40	2078/10/13	Madhyapur Thimi	Bode WTP	Treated	Clear/0.95	<5	6.8	288.0	60	62	0.3	1.8	11.52	0.3	0	Satisfactory
41	2078/10/13	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/0.87	<5	7.1	41.0	12	12	0.1	0.02	5.76	0.6	0	Satisfactory
42	2078/10/14	Lalitpur	Sainbu WTP	Treated	Clear/1.76	<5	7.8	252.0	96	90	0.1	0.02	5.76	0.8	0	Satisfactory
43	2078/10/14	Maharajgunj	Bansbari WTP	Treated	Clear/3.13	<5	7.1	46.7	14	14	0.1	0.02	5.76	0.5	0	Satisfactory
44	2078/10/14	Madhyapur Thimi	Bode WTP	Treated	Clear/0.97	<5	6.8	275.0	60	62	0.3	1.8	7.68	0.2	0	Satisfactory
45	2078/08/14	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/0.82	<5	7.4	42.5	14	12	0.1	0.02	3.84	0.6	0	Satisfactory
46	2078/10/15	Maharajgunj	Bansbari WTP	Treated	Clear/3.04	<5	7.1	45.2	14	14	0.1	0.02	5.76	0.6	0	Satisfactory
47	2078/10/16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/0.85	<5	7.4	37.9	14	10	0.1	0.02	5.76	0.6	0	Satisfactory
48	2078/10/16	Maharajgunj	Bansbari WTP	Treated	Clear/2.72	<5	7.1	43.0	12	12	0.1	0.02	5.76	0.7	0	Satisfactory
49	2078/10/16	Madhyapur Thimi	Bode WTP	Treated	Clear/1.87	<5	6.9	312.0	60	62	0.3	1.8	11.52	0.2	0	Satisfactory
50	2078/10/17	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/0.71	<5	7.5	39.4	14	12	0.1	0.02	5.76	0.5	0	Satisfactory
51	2078/10/17	Maharajgunj	Bansbari WTP	Treated	Clear/2.5	<5	7.1	48.2	16	14	0.1	0.02	5.76	0.6	0	Satisfactory
52	2078/10/17	Madhyapur Thimi	Bode WTP	Treated	Clear/1.77	<5	6.9	308.0	64	62	0.3	1.8	11.52	0.6	0	Satisfactory
53	2078/10/18	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/0.86	<5	7.2	42.4	14	12	0.1	0.02	5.76	0.6	0	Satisfactory
54	2078/10/18	Maharajgunj	Bansbari WTP	Treated	Clear/2.76	<5	7.1	51.4	16	14	0.1	0.02	5.76	0.4	0	Satisfactory
55	2078/10/18	Maharajgunj	Bansbari WTP	Treated	Clear/2.37	<5	7.1	56.4	18	14	0.1	0.02	5.76	0.5	0	Satisfactory
56	2078/10/18	Madhyapur Thimi	Bode WTP	Treated	Clear/1.42	<5	6.8	304.0	58	60	0.3	1.8	11.52	0.3	0	Satisfactory
57	2078/10/20	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/0.81	<5	7.8	38.4	16	12	0.1	0.02	5.76	0.5	0	Satisfactory
58	2078/10/19	Maharajgunj	Bansbari WTP	Treated	Clear/2.2	<5	6.9	53.0	16	14	0.1	0.02	5.76	0.6	0	Satisfactory
59	2078/10/20	Maharajgunj	Bansbari WTP	Treated	Clear/3.36	<5	7.1	57.1	18	16	0.1	0.02	5.76	0.4	0	Satisfactory
60	2078/10/20	Lalitpur	Sainbu WTP	Treated	Clear/1.31	<5	7.9	231.0	100	82	0.1	0.02	7.68	0.8	0	Satisfactory
61	2078/10/20	Madhyapur Thimi	Bode WTP	Treated	Clear/1.66	<5	6.7	298.0	60	62	0.3	1.8	9.6	0.2	0	Satisfactory
62	2078/10/21	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/2.6	<5	7.2	46.5	14	12	0.1	0.02	5.76	0.6	0	Satisfactory
63	2078/10/21	Maharajgunj	Bansbari WTP	Treated	Clear/2.67	<5	7.1	56.1	18	14	0.1	0.02	5.76	0.5	0	Satisfactory
64	2078/10/21	Lalitpur	Sainbu WTP	Treated	Clear/0.95	<5	7.6	234.0	94	84	0.1	0.02	5.76	0.6	0	Satisfactory
65	2078/10/21	Madhyapur Thimi	Bode WTP	Treated	Clear/2.84	<5	6.8	288.0	64	62	0.3	1.8	11.52	0.3	0	Satisfactory
66	2078/10/22	Maharajgunj	Bansbari WTP	Treated	Clear/2.72	<5	7.1	49.0	16	14	0.1	0.02	5.76	0.5	0	Satisfactory
67	2078/10/23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.48	<5	7.3	43.5	16	12	0.1	0.02	5.76	0.6	0	Satisfactory
68	2078/10/23	Maharajgunj	Bansbari WTP	Treated	Clear/2.5	<5	7.1	48.6	16	14	0.1	0.02	3.84	0.5	0	Satisfactory
69	2078/08/23	Madhyapur Thimi	Bode WTP	Treated	Clear/2.35	<5	6.7	289.0	60	58	0.3	1.8	11.5	0.2	0	Satisfactory
70	2078/10/24	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.45	<5	7.4	42.6	16	12	0.1	0.02	5.76	0.6	0	Satisfactory
71	2078/10/24	Maharajgunj	Bansbari WTP	Treated	Clear/3.65	<5	6.9	47.3	16	14	0.1	0.02	5.76	0.5	0	Satisfactory
72	2078/08/24	Madhyapur Thimi	Bode WTP	Treated	Clear/2.1	<5	6.9	304.0	63	53	0.3	1.8	9.6	0.5	0	Satisfactory
73	2078/10/25	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.19	<5	7.7	39.2	16	14	0.1	0.02	0.1	0.1	0	Satisfactory
74	2078/10/25	Maharajgunj	Bansbari WTP	Treated	Clear/2.37	<5	7.1	44.3	14	14	0.1	0.02	5.76	0.5	0	Satisfactory
75	2078/10/26	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.22	<5	7.6	37.2	16	12	0.1	0.02	0.1	0.5	0	Satisfactory
76	2078/08/26	Madhyapur Thimi	Bode WTP	Treated	Clear/2.32	<5	6.9	312.0	60	58	0.3	1.8	11.5	0.3	0	Satisfactory
77	2078/10/26	Maharajgunj	Bansbari WTP	Treated	Clear/3.36	<5	7.1	44.6	14	14	0.1	0.02	5.76	0.5	0	Satisfactory
78	2078/10/27	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.50	<5	7.6	38.2	14	14	0.1	0.02	5.8	0.5	0	Satisfactory

79	2078/08/27	Madhyapur Thimi	Bode WTP	Treated	Clear/1.62	<5	6.8	327.1	59	62	0.2	1.8	11.5	0.2	0	Satisfactory
80	2078/10/27	Lalitpur	Sainbu WTP	Treated	Clear/1.93	<5	7.8	245.0	102	86	0.1	0.02	7.7	0.8	0	Satisfactory
81	2078/10/27	Maharajgunj	Bansbari WTP	Treated	Clear/0.62	<5	7.1	43.2	16	14	0.1	0.02	5.76	0.5	0	Satisfactory
82	2078/10/28	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.7	<5	7.4	39.1	16	14	0.1	0.02	0.1	0.5	0	Satisfactory
83	2078/10/28	Maharajgunj	Bansbari WTP	Treated	Clear/0.63	<5	7.1	47.2	18	14	0.1	0.02	5.76	0.5	0	Satisfactory
84	2078/08/28	Madhyapur Thimi	Bode WTP	Treated	Clear/1.02	<5	6.8	309.0	64	62	0.3	1.8	11.5	0.2	0	Satisfactory
85	2078/10/28	Lalitpur	Sainbu WTP	Treated	Clear/0.93	<5	7.8	243.0	106	88	0.1	0.02	7.7	0.8	0	Satisfactory
86	2078/10/29	Maharajgunj	Bansbari WTP	Treated	Clear/0.62	<5	7.1	51.0	16	14	0.1	0.02	5.76	0.6	0	Satisfactory