

KATHMANDU UPATYAKA KHANEPANI LIMITED
Water / Waste Water Quality Assurance Division , Mahankalchaur
Laboratory Record Of Chemical & Bacteriological Analysis Of Water
Bhadra 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
					(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	2078/05/01	Maharajgunj	Bansbari WTP	Treated	Clear/4.4	<5	6.7	34.3	10	10	0.1	0.02	5.76	0.2	0	Satisfactory
2	2078/05/01	Madhyapur Thimi	Bode WTP	Treated	Clear/2.6	<5	6.9	263.4	60	56	0.3	1.8	9.6	0.2	0	Satisfactory
3	2078/05/01	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/5.7	<5	6.7	63.2	14	16	0.1	0.02	5.76	0.2	0	Satisfactory
4	2078/05/02	Maharajgunj	Bansbari WTP	Treated	Clear/6.2	<5	6.8	42.1	12	10	0.1	0.02	5.76	0.5	0	Satisfactory
5	2078/05/02	Madhyapur Thimi	Bode WTP	Treated	Clear/1.9	<5	6.7	250.4	56	50	0.3	1.6	7.68	0.2	0	Satisfactory
6	2078/05/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8.3	<5	6.4	77	12	14	0.1	0.02	5.76	0.2	0	Satisfactory
7	2078/05/03	Maharajgunj	Bansbari WTP	Treated	Clear/8.1	<5	6.8	46.6	12	12	0.1	0.02	5.76	0.8	0	Satisfactory
8	2078/05/03	Madhyapur Thimi	Bode WTP	Treated	Clear/2.1	<5	6.8	258.4	56	52	0.3	1.7	9.6	0.8	0	Satisfactory
9	2078/05/03	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/6.8	<5	6.5	50.1	12	14	0.1	0.02	5.76	0.2	0	Satisfactory
10	2078/05/04	Maharajgunj	Bansbari WTP	Treated	Clear/3.4	<5	6.7	37.1	10	12	0.1	0.02	5.76	0.6	0	Satisfactory
11	2078/05/04	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/4.8	<5	6.6	50.7	12	14	0.1	0.02	5.76	0.2	0	Satisfactory
12	2078/05/05	Maharajgunj	Bansbari WTP	Treated	Clear/4.1	<5	6.8	35.2	10	10	0.1	0.02	5.76	0.6	0	Satisfactory
13	2078/05/06	Maharajgunj	Bansbari WTP	Treated	Clear/5.1	<5	6.8	37.2	10	10	0.1	0.02	5.76	0.6	0	Satisfactory
14	2078/05/07	Maharajgunj	Bansbari WTP	Treated	Clear/5.1	<5	6.8	34.2	10	10	0.1	0.02	5.76	0.6	0	Satisfactory
15	2078/05/08	Maharajgunj	Bansbari WTP	Treated	Clear/3.8	<5	6.8	32.3	10	10	0.1	0.02	3.84	0.5	0	Satisfactory
16	2078/05/08	Madhyapur Thimi	Bode WTP	Treated	Clear/1.8	<5	6.7	252.4	56	48	0.3	1.6	9.6	0.15	0	Satisfactory
17	2078/05/08	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/4.9	<5	6.6	39.4	12	14	0.1	0.02	5.76	0.2	0	Satisfactory
18	2078/05/08	Lalitpur	Sainbu WTP	Treated	Clear/2.3	<5	7.4	254.3	80	104	0.1	0.02	5.76	0.2	0	Satisfactory
19	2078/05/09	Maharajgunj	Bansbari WTP	Treated	Clear/2.4	<5	6.8	33.7	10	10	0.1	0.02	5.76	0.5	0	Satisfactory
20	2078/05/09	Madhyapur Thimi	Bode WTP	Treated	Clear/1.9	<5	6.7	248	56	50	0.3	1.8	7.68	0.3	0	Satisfactory
21	2078/05/09	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/3.6	<5	6.6	42.8	12	14	0.1	0.02	5.76	0.4	0	Satisfactory
22	2078/05/09	Lalitpur	Sainbu WTP	Treated	Clear/2.7	<5	7.4	252.6	80	104	0.1	0.02	7.68	0.3	0	Satisfactory
23	2078/05/10	Maharajgunj	Bansbari WTP	Treated	Clear/3	<5	6.8	33.2	10	10	0.1	0.02	5.76	0.6	0	Satisfactory
24	2078/05/10	Madhyapur Thimi	Bode WTP	Treated	Clear/1.6	<5	6.8	258.7	58	56	0.3	1.6	9.6	0.2	0	Satisfactory
25	2078/05/10	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/11	<5	6.7	40.5	12	14	0.2	0.02	5.76	0.3	0	Satisfactory
26	2078/05/11	Maharajgunj	Bansbari WTP	Treated	Clear/4.8	<5	6.8	37.7	10	10	0.1	0.02	3.84	0.6	0	Satisfactory
27	2078/05/11	Madhyapur Thimi	Bode WTP	Treated	Clear/1.9	<5	6.8	258.8	58	56	0.3	1.8	9.6	0.26	0	Satisfactory
28	2078/05/11	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/4.7	<5	6.5	51.8	12	14	0.1	0.02	5.76	0.4	0	Satisfactory
29	2078/05/12	Maharajgunj	Bansbari WTP	Treated	Clear/4.1	<5	6.8	45.2	12	12	0.1	0.02	7.68	0.7	0	Satisfactory
30	2078/05/13	Maharajgunj	Bansbari WTP	Treated	Clear/5.8	<5	6.7	34.4	12	12	0.1	0.02	7.68	0.6	0	Satisfactory
31	2078/05/13	Madhyapur Thimi	Bode WTP	Treated	Clear/1.8	<5	6.8	247.6	56	52	0.2	1.8	11.52	0.21	0	Satisfactory

32	2078/05/13	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9.6	<5	6.6	48.4	12	14	0.1	0.02	5.76	0.4	0	Satisfactory
33	2078/05/14	Maharajgunj	Bansbari WTP	Treated	Clear/8.2	<5	6.7	38.2	10	10	0.1	0.02	7.68	0.6	0	Satisfactory
34	2078/05/15	Maharajgunj	Bansbari WTP	Treated	Clear/3.8	<5	6.6	46	12	12	0.1	0.02	7.68	0.8	0	Satisfactory
35	2078/05/15	Madhyapur Thimi	Bode WTP	Treated	Clear/2.5	<5	6.8	249	56	50	0.95	1.8	9.6	0.6	0	Satisfactory
36	2078/05/15	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/2.7	<5	6.7	41.1	12	14	0.1	0.02	5.76	0.4	0	Satisfactory
37	2078/05/16	Maharajgunj	Bansbari WTP	Treated	Clear/4.4	<5	6.6	36.3	10	10	0.1	0.02	7.68	0.6	0	Satisfactory
38	2078/05/16	Madhyapur Thimi	Bode WTP	Treated	Clear/1.6	<5	6.9	265.4	60	56	0.2	1.7	11.52	0.3	0	Satisfactory
39	2078/05/16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/3.3	<5	6.9	47.2	12	14	0.1	0.02	5.76	0.2	0	Satisfactory
40	2078/05/17	Maharajgunj	Bansbari WTP	Treated	Clear/5.4	<5	6.6	31.2	10	10	0.1	0.02	5.76	0.2	0	Satisfactory
41	2078/05/17	Madhyapur Thimi	Bode WTP	Treated	Clear/1.7	<5	6.9	263.1	60	54	0.57	1.6	11.52	0.1	0	Satisfactory
42	2078/05/17	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/3.5	<5	6.5	54.9	12	14	0.1	0.02	5.76	0.2	0	Satisfactory
43	2078/05/18	Maharajgunj	Bansbari WTP	Treated	Clear/9.4	<5	6.7	30.7	10	10	0.1	0.02	5.76	0.5	0	Satisfactory
44	2078/05/18	Madhyapur Thimi	Bode WTP	Treated	Clear/1.9	<5	6.8	264	60	54	0.2	1.7	11.52	0.1	0	Satisfactory
45	2078/05/18	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.1	<5	6.6	42.5	12	14	0.1	0.02	5.76	0.4	0	Satisfactory
46	2078/05/19	Maharajgunj	Bansbari WTP	Treated	Clear/3.9	<5	6.8	35.3	10	10	0.1	0.02	5.76	0.6	0	Satisfactory
47	2078/05/20	Maharajgunj	Bansbari WTP	Treated	Clear/3.8	<5	7.1	45.3	12	12	0.1	0.02	7.68	0.8	0	Satisfactory
48	2078/05/20	Madhyapur Thimi	Bode WTP	Treated	Clear/1.3	<5	6.7	283.4	60	58	0.4	1.6	19.2	0.4	0	Satisfactory
49	2078/05/20	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/2.1	<5	6.8	50.5	12	14	0.1	0.02	5.76	0.3	0	Satisfactory
50	2078/05/21	Maharajgunj	Bansbari WTP	Treated	Clear/8.1	<5	6.7	38.4	10	12	0.1	0.02	7.68	0.5	0	Satisfactory
51	2078/05/21	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/6.1	<5	6.6	51.3	12	14	0.1	0.02	5.76	0.4	0	Satisfactory
52	2078/05/22	Maharajgunj	Bansbari WTP	Treated	Clear/4.7	<5	6.7	37.1	10	12	0.1	0.02	7.68	0.7	0	Satisfactory
53	2078/05/22	Madhyapur Thimi	Bode WTP	Treated	Clear/1.2	<5	6.8	268.1	58	56	0.3	1.8	15.36	0.1	0	Satisfactory
54	2078/05/22	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/2.6	<5	7.3	44.5	12	14	0.1	0.02	5.76	0.3	0	Satisfactory
55	2078/05/23	Maharajgunj	Bansbari WTP	Treated	Clear/5.3	<5	6.6	34.3	10	10	0.1	0.02	5.76	0.6	0	Satisfactory
56	2078/05/23	Madhyapur Thimi	Bode WTP	Treated	Clear/1.6	<5	6.8	267.8	58	56	0.3	1.6	9.6	0.1	0	Satisfactory
57	2078/05/23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/3.5	<5	6.5	55	12	14	0.1	0.02	5.76	0.2	0	Satisfactory
58	2078/05/24	Maharajgunj	Bansbari WTP	Treated	Clear/5.5	<5	6.6	35.7	10	10	0.1	0.02	5.76	0.6	0	Satisfactory
59	2078/05/24	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/5.2	<5	6.9	46	14	14	0.1	0.02	5.76	0.3	0	Satisfactory
60	2078/05/25	Maharajgunj	Bansbari WTP	Treated	Clear/4.1	<5	6.7	34.6	10	10	0.1	0.02	7.68	0.7	0	Satisfactory
61	2078/05/25	Madhyapur Thimi	Bode WTP	Treated	Clear/1.9	<5	6.8	286.5	60	62	0.3	1.6	21.12	0.7	0	Satisfactory
62	2078/05/25	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/2.7	<5	6.5	36	12	14	0.1	0.02	5.76	0.5	0	Satisfactory
63	2078/05/26	Maharajgunj	Bansbari WTP	Treated	Clear/4.5	<5	6.7	35.6	10	10	0.1	0.02	5.76	0.7	0	Satisfactory
64	2078/05/27	Maharajgunj	Bansbari WTP	Treated	Clear/4.3	<5	6.7	32.4	10	10	0.1	0.02	5.76	0.6	0	Satisfactory
65	2078/05/27	Madhyapur Thimi	Bode WTP	Treated	Clear/2.2	<5	6.7	288.4	60	62	0.3	1.6	23.04	0.6	0	Satisfactory
66	2078/05/27	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/5.4	<5	6.7	36	12	14	0.1	0.02	5.76	0.5	0	Satisfactory
67	2078/05/28	Maharajgunj	Bansbari WTP	Treated	Clear/8.8	<5	6.7	33.4	10	10	0.1	0.02	5.76	0.7	0	Satisfactory
68	2078/05/28	Madhyapur Thimi	Bode WTP	Treated	Clear/1.2	<5	6.8	278.2	58	60	0.3	1.8	19.2	0.6	0	Satisfactory
69	2078/05/28	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9	<5	6.5	47.1	12	14	0.2	0.02	5.76	0.8	0	Satisfactory
70	2078/05/29	Maharajgunj	Bansbari WTP	Treated	Clear/5.2	<5	6.7	32.2	10	10	0.1	0.02	5.76	0.6	0	Satisfactory
71	2078/05/29	Madhyapur Thimi	Bode WTP	Treated	Clear/1.1	<5	6.7	287.5	60	62	0.2	1.7	17.28	0.4	0	Satisfactory
72	2078/05/29	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/5.9	<5	6.5	43.2	12	14	0.1	0.02	5.76	0.5	0	Satisfactory

73	2078/05/30	Maharajgunj	Bansbari WTP	Treated	Clear/4.1	<5	6.7	30.2	10	8	0.1	0.02	5.76	0.6	0	Satisfactory
74	2078/05/30	Madhyapur Thimi	Bode WTP	Treated	Clear/1.1	<5	6.8	284	60	62	0.2	1.7	11.52	0.2	0	Satisfactory
75	2078/05/30	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.3	<5	6.6	40.1	12	14	0.1	0.02	5.76	0.1	0	Satisfactory
76	2078/05/31	Maharajgunj	Bansbari WTP	Treated	Clear/4.3	<5	6.8	29.8	10	8	0.1	0.02	5.76	0.7	0	Satisfactory
77	2078/05/31	Madhyapur Thimi	Bode WTP	Treated	Clear/1.1	<5	6.7	292.7	62	64	0.2	1.6	17.28	0.3	0	Satisfactory
78	2078/05/31	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/2.4	<5	6.8	41.6	12	14	0.1	0.02	5.76	0.2	0	Satisfactory
79	2078/05/31	Lalitpur	Sainbu WTP	Treated	Clear/2.7	<5	7.9	244.6	80	98	0.1	0.02	7.68	0.4	0	Satisfactory