

KATHMANDU UPATYAKA KHANEPANI LIMITED
Water / Waste Water Quality Assurance Division , Mahankalchaur
Laboratory Record Of Chemical & Bacteriological Analysis Of Water
Jestha 2077

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)		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	2077/02/01	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	318	50	48	0.3	1.8	18.46	0.1	0	Satisfactory
2	2077/02/01	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	110	46	28	0.1	0.02	5.76	0.1	0	Satisfactory
3	2077/02/01	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	58	18	14	0.1	0.02	5.76	0.8	0	Satisfactory
4	2077/02/02	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	321	54	50	0.3	1.9	11.36	0.3	0	Satisfactory
5	2077/02/02	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	107	44	28	0.1	0.02	5.76	0.6	0	Satisfactory
6	2077/02/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	65	20	14	0.2	0.02	5.76	0.8	0	Satisfactory
7	2077/02/03	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	105	40	28	0.1	0.02	5.76	0.5	0	Satisfactory
8	2077/02/04	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	345	56	50	0.3	1.4	18.46	0.2	0	Satisfactory
9	2077/02/04	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	111	44	30	0.1	0.02	5.76	0.6	0	Satisfactory
10	2077/02/04	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.7	298	90	120	0.1	0.02	5.76	0.6	0	Satisfactory
11	2077/02/04	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	57	18	16	0.1	0.02	5.76	0.4	0	Satisfactory
12	2077/02/05	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	314	50	48	0.3	1.4	7.68	0.3	0	Satisfactory
13	2077/02/05	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	106	40	30	0.1	0.02	5.76	0.5	0	Satisfactory
14	2077/02/05	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	78	18	14	0.1	0.02	5.76	0.8	0	Satisfactory
15	2077/02/06	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	344	56	48	0.3	1.5	15.2	0.2	0	Satisfactory
16	2077/02/06	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	109	44	28	0.1	0.02	7.68	0.5	0	Satisfactory
17	2077/02/06	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	65	20	16	0.1	0.02	7.68	0.5	0	Satisfactory
18	2077/02/07	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	316	50	48	0.3	1.5	7.68	0.2	0	Satisfactory
19	2077/02/07	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	110	44	30	0.1	0.02	5.76	0.5	0	Satisfactory
20	2077/02/07	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	52	18	14	0.1	0.02	5.76	0.8	0	Satisfactory
21	2077/02/08	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	106	42	30	0.1	0.02	5.76	0.5	0	Satisfactory
22	2077/02/08	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	52	18	14	0.1	0.02	5.76	0.6	0	Satisfactory
23	2077/02/09	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	60	18	14	0.1	0.02	5.76	0.5	0	Satisfactory
24	2077/02/09	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	111	44	30	0.1	0.02	5.76	0.5	0	Satisfactory
25	2077/02/10	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	115	46	30	0.1	0.02	7.68	0.6	0	Satisfactory
26	2077/02/11	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.0	59	20	16	0.1	0.02	7.68	0.2	0	Satisfactory
27	2077/02/11	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	326	58	48	0.3	1.9	13.44	0.4	0	Satisfactory
28	2077/02/11	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	114	44	30	0.1	0.02	5.76	0.6	0	Satisfactory
29	2077/02/12	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	111	46	30	0.1	0.02	5.76	0.5	0	Satisfactory
30	2077/02/13	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.0	68	20	18	0.1	0.02	7.68	0.4	0	Satisfactory
31	2077/02/13	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	377	58	50	0.3	1.4	11.36	0.2	0	Satisfactory
32	2077/02/13	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	114	46	32	0.1	0.02	7.68	0.5	0	Satisfactory
33	2077/02/14	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.0	70	20	18	0.1	0.02	5.76	0.2	0	Satisfactory
34	2077/02/14	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.2	300	56	46	0.3	1.4	9.94	0.2	0	Satisfactory
35	2077/02/14	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	100	40	32	0.1	0.02	7.68	0.5	0	Satisfactory
36	2077/02/15	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.8	82	22	20	0.3	0.02	7.68	0.6	0	Satisfactory
37	2077/02/15	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	322	56	50	0.3	1.4	7.68	0.8	0	Satisfactory
38	2077/02/15	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	87	30	26	0.1	0.02	5.76	0.5	0	Satisfactory
39	2077/02/16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.9	69	20	18	0.1	0.02	7.68	0.2	0	Satisfactory
40	2077/02/16	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.8	371	50	48	0.3	1.9	7.68	0.3	0	Satisfactory
41	2077/02/16	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	103	36	30	0.1	0.02	5.76	0.6	0	Satisfactory
42	2077/02/16	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.7	297	88	120	0.1	0.02	5.76	0.8	0	Satisfactory
43	2077/02/17	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	78	28	24	0.1	0.02	5.76	0.6	0	Satisfactory
44	2077/02/18	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/6	<5	7.1	66	20	14	0.2	0.02	5.76	0.7	0	Satisfactory
45	2077/02/18	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	338	60	54	0.3	1.9	7.68	0.4	0	Satisfactory
46	2077/02/18	Maharajgunj	Bansbari WTP	Treated	Clear/6	<5	7.1	82	28	24	0.1	0.02	5.76	0.6	0	Satisfactory
47	2077/02/19	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.7	63	20	16	0.1	0.02	9.6	0.7	0	Satisfactory
48	2077/02/19	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	319	50	48	0.3	1.6	7.68	0.2	0	Satisfactory
49	2077/02/19	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	92	34	28	0.1	0.02	5.76	0.6	0	Satisfactory
50	2077/02/20	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.9	64	20	16	0.1	0.02	7.68	0.8	0	Satisfactory
51	2077/02/20	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	325	58	50	0.3	1.6	7.68	0.3	0	Satisfactory
52	2077/02/20	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	108	38	32	0.1	0.02	7.68	0.6	0	Satisfactory
53	2077/02/21	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.0	62	20	16	0.1	0.02	5.76	0.8	0	Satisfactory
54	2077/02/21	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	332	58	54	0.3	1.6	7.68	0.2	0	Satisfactory
55	2077/02/21	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	104	36	30	0.1	0.02	5.76	0.5	0	Satisfactory
56	2077/02/22	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	53	18	14	0.1	0.02	5.76	0.6	0	Satisfactory
57	2077/02/22	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	322	56	50	0.3	1.6	7.68	0.2	0	Satisfactory
58	2077/02/22	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	106	44	32	0.1	0.02	5.76	0.6	0	Satisfactory
59	2077/02/23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.0	47	16	12	0.1	0.02	5.76	0.4	0	Satisfactory
60	2077/02/23	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	327	60	50	0.3	1.6	7.68	0.1	0	Satisfactory
61	2077/02/23	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	103	40	30	0.1	0.02	5.76	0.5	0	Satisfactory
62	2077/02/24	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	97	40	30	0.1	0.02	7.68	0.6	0	Satisfactory
63	2077/02/25	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/5	<5	6.9	62	18	16	0.2	0.02	5.76	0.8	0	Satisfactory
64	2077/02/25	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	301	58	60	0.3	1.5	11.36	0.5	0	Satisfactory
65	2077/02/25	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	96	38	30	0.1	0.02	5.76	0.6	0	Satisfactory
66	2077/02/26	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.0	61	18	16	0.1	0.02	7.68	0.4	0	Satisfactory
67	2077/02/26	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	267	62	56	0.3	1.5	11.36	0.2	0	Satisfactory
68	2077/02/26	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	87	34	26	0.1	0.02	7.68	0.6	0	Satisfactory
69	2077/02/26	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.6	326	94	132	0.1	0.02	9.6	0.7	0	Satisfactory
70	2077/02/27	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	65	18	16	0.1	0.02	7.68	0.6	0	Satisfactory
71	2077/02/27	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	274	50	52	0.3	1.9	11.36	0.1	0	Satisfactory
72	2077/02/27	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	94	36	26	0.1	0.02	5.76	0.6	0	Satisfactory
73	2077/02/28	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	54	16	12	0.1	0.02	5.76	0.1	0	Satisfactory
74	2077/02/28	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	278	52	50	0.3	1.5	11.32	0.1	0	Satisfactory
75	2077/02/28	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	97	36	26	0.1	0.02	5.76	0.6	0	Satisfactory
76	2077/02/29	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9	<5	6.7	66	20	18	0.3	0.02	7.68	0.8	0	Satisfactory
77	2077/02/29	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	290	60	50	0.3	1.7	11.36	0.2	0	Satisfactory
78	2077/02/29	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	106	38	28	0.1	0.02	7.68	0.5	0	Satisfactory
79	2077/02/30	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.7	57	12	14	0.1	0.02	5.76	0.2	0	Satisfactory
80	2077/02/30	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	320	50	48	0.3	1.5	11.36	0.3	0	Satisfactory
81	2077/02/30	Maharajgunj	Bansbari WTP	Treated	Clear/<											