

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

S.No.	Date	Branch	Location	Sample taken	Turbidity	Colour	p <sup>H</sup>	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	2078/01/01	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	120	40	34	0.1	0.02	5.76	0.3	0	Satisfactory
2	2078/01/01	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	78	16	14	0.1	0.02	5.76	0.1	0	Satisfactory
3	2078/01/02	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	257	60	52	0.3	1.6	15.36	0.6	0	Satisfactory
4	2078/01/02	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	103	38	34	0.1	0.02	5.76	0.2	0	Satisfactory
5	2078/01/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	7.1	71	18	14	0.1	0.02	5.76	0.2	0	Satisfactory
6	2078/01/03	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	258	56	50	0.3	1.8	17.2	0.5	0	Satisfactory
7	2078/01/03	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	95	30	30	0.3	0.02	7.68	0.2	0	Satisfactory
8	2078/01/03	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	57	14	16	0.1	0.02	5.76	0.3	0	Satisfactory
9	2078/01/04	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	96	32	30	0.2	0.02	5.76	0.2	0	Satisfactory
10	2078/01/04	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	7.1	82	20	22	1.2	0.02	5.76	0.2	0	Satisfactory
11	2078/01/05	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	266	60	50	0.3	1.5	15.36	0.7	0	Satisfactory
12	2078/01/05	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	102	36	32	0.2	0.02	5.76	0.2	0	Satisfactory
13	2078/01/05	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	7.8	116	40	37	0.8	0.02	9.6	0.3	0	Satisfactory
14	2078/01/06	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	253	58	46	0.3	1.6	13.44	0.6	0	Satisfactory
15	2078/01/06	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	110	38	32	0.2	0.02	5.76	0.2	0	Satisfactory
16	2078/01/06	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	92	20	22	0.1	0.02	5.76	0.1	0	Satisfactory
17	2078/01/07	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	262	60	52	0.3	1.5	15.36	0.4	0	Satisfactory
18	2078/01/07	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	99	34	30	0.1	0.02	5.76	0.3	0	Satisfactory
19	2078/01/07	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	75	20	22	0.1	0.02	7.68	0.2	0	Satisfactory
20	2078/01/08	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	269	60	56	0.3	1.9	15.36	0.6	0	Satisfactory
21	2078/01/08	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.6	96	32	32	0.1	0.02	5.76	0.4	0	Satisfactory
22	2078/01/08	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	72	22	20	0.1	0.02	5.76	0.5	0	Satisfactory
23	2078/01/09	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	251	58	50	0.3	1.8	11.52	0.6	0	Satisfactory
24	2078/01/09	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	98	32	32	0.1	0.02	5.76	0.2	0	Satisfactory
25	2078/01/09	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.6	62	19	12	0.2	0.02	5.76	0.3	0	Satisfactory
26	2078/01/10	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	251	58	52	0.3	1.7	15.36	0.2	0	Satisfactory
27	2078/01/10	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	86	28	30	0.1	0.02	5.76	0.3	0	Satisfactory
28	2078/01/10	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	69	18	16	0.1	0.02	5.76	0.2	0	Satisfactory
29	2078/01/11	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	87	34	30	0.1	0.02	5.76	0.1	0	Satisfactory
30	2078/01/11	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.8	57	12	14	0.1	0.02	5.76	0.4	0	Satisfactory
31	2078/01/12	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	262	62	52	0.3	2	15.36	0.1	0	Satisfactory
32	2078/01/12	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	87	34	30	0.1	0.02	5.76	0.1	0	Satisfactory

33	2078/01/12	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	78	18	14	0.1	0.02	5.76	0.2	0	Satisfactory
34	2078/01/13	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	255	58	50	0.3	1.9	11.52	0.5	0	Satisfactory
35	2078/01/13	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	84	32	24	0.1	0.02	5.76	0.2	0	Satisfactory
36	2078/01/13	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.8	58	12	14	0.1	0.02	5.76	0.3	0	Satisfactory
37	2078/01/14	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	268	60	52	0.3	1.5	17.2	0.6	0	Satisfactory
38	2078/01/14	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	102	34	30	0.1	0.02	0.24	0.2	0	Satisfactory
39	2078/01/14	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	58	12	14	0.1	0.02	5.76	0.2	0	Satisfactory
40	2078/01/15	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	242	58	50	0.3	1.6	15.36	0.3	0	Satisfactory
41	2078/01/15	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	104	34	32	0.1	0.02	5.76	0.3	0	Satisfactory
42	2078/01/15	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	53	14	16	0.1	0.02	5.76	0.3	0	Satisfactory
43	2078/01/16	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	251	58	48	0.3	1.3	17.2	0.5	0	Satisfactory
44	2078/01/16	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.4	86	28	30	0.1	0.02	5.76	0.3	0	Satisfactory
45	2078/01/16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	51	16	14	0.1	0.02	5.76	0.1	0	Satisfactory
46	2078/01/17	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	258	58	50	0.3	1.4	15.36	0.6	0	Satisfactory
47	2078/01/17	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.4	86	28	30	0.1	0.02	5.76	0.3	0	Satisfactory
48	2078/01/17	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	7.3	77	16	14	0.1	0.02	7.68	0.2	0	Satisfactory
49	2078/01/18	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	251	58	48	0.3	1.5	13.44	0.3	0	Satisfactory
50	2078/01/18	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	85	30	30	0.1	0.02	5.76	0.3	0	Satisfactory
51	2078/01/18	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.8	97	18	22	0.3	0.02	5.76	0.6	0	Satisfactory
52	2078/01/19	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	245	58	46	0.3	1.6	13.44	0.7	0	Satisfactory
53	2078/01/20	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	256	60	50	0.3	1.6	15.36	0.6	0	Satisfactory
54	2078/01/21	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	65	18	22	0.1	0.02	5.76	0.2	0	Satisfactory
55	2078/01/22	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	249	60	48	0.3	1.5	15.36	0.6	0	Satisfactory
56	2078/01/22	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	65	16	18	0.1	0.02	5.76	0.1	0	Satisfactory
57	2078/01/23	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	253	60	50	0.3	1.4	11.52	0.4	0	Satisfactory
58	2078/01/23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9	<5	7.4	73	20	16	0.1	0.02	7.68	0.2	0	Satisfactory
59	2078/01/24	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	262	62	50	0.3	1.6	11.52	0.5	0	Satisfactory
60	2078/01/24	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.7	65	14	16	0.1	0.02	5.76	0.3	0	Satisfactory
61	2078/01/25	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	270	62	58	0.3	1.9	15.36	0.5	0	Satisfactory
62	2078/01/25	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	7.1	60	18	14	0.1	0.02	5.76	0.3	0	Satisfactory
63	2078/01/26	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	265	60	58	0.3	1.6	15.36	0.5	0	Satisfactory
64	2078/01/26	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	85	28	30	0.1	0.02	5.76	0.3	0	Satisfactory
65	2078/01/26	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	61	18	14	0.1	0.02	5.76	0.2	0	Satisfactory
66	2078/01/27	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	261	60	54	0.3	1.5	15.36	0.6	0	Satisfactory
67	2078/01/27	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.4	86	28	30	0.1	0.02	5.76	0.3	0	Satisfactory
68	2078/01/27	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	62	18	14	0.1	0.02	5.76	0.3	0	Satisfactory
69	2078/01/28	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	266	60	52	0.3	1.8	13.44	0.6	0	Satisfactory
70	2078/01/28	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	85	26	30	0.1	0.02	5.76	0.3	0	Satisfactory
71	2078/01/29	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	253	58	50	0.3	1.6	15.36	0.4	0	Satisfactory
72	2078/01/29	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	84	28	30	0.1	0.02	5.76	0.4	0	Satisfactory
73	2078/01/29	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	62	18	14	0.1	0.02	5.76	0.2	0	Satisfactory
74	2078/01/30	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	268	60	56	0.3	1.7	13.44	0.6	0	Satisfactory

75	2078/01/30	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	80	28	30	0.1	0.02	5.76	0.4	0	Satisfactory
76	2078/01/31	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	263	60	52	0.3	1.6	15.36	0.6	0	Satisfactory
77	2078/01/31	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	84	26	30	0.1	0.02	5.76	0.4	0	Satisfactory
78	2078/01/31	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	60	18	14	0.1	0.02	5.76	0.3	0	Satisfactory