

KATHMANDU UPATYAKA KHANEPANI LIMITED
Water / Waste Water Quality Assurance Division , Mahankalchaur
Laboratory Record Of Chemical & Bacteriological Analysis Of Water
Asadh 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	2078/03/01	Madhyapur Thimi	Bode WTP	Treated	Clear/2	<5	7.1	263	60	52	0.3	1.4	11.52	0.2	0	Satisfactory
2	2078/03/01	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	6.5	68	12	14	0.2	0.02	5.76	0.2	0	Satisfactory
3	2078/03/01	Maharajgunj	Bansbari WTP	Treated	Clear/3.92	<5	6.9	45	14	12	0.1	0.02	5.76	0.1	0	Satisfactory
4	2078/03/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	6.6	70	12	14	0.2	0.02	5.76	0.1	0	Satisfactory
5	2078/03/02	Maharajgunj	Bansbari WTP	Treated	Clear/4.47	<5	6.7	41	14	12	0.1	0.02	5.76	0.3	0	Satisfactory
6	2078/03/02	Madhyapur Thimi	Bode WTP	Treated	Clear/3	<5	6.9	259	60	52	0.3	1.5	9.6	0.2	0	Satisfactory
7	2078/03/03	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	6.6	65	12	16	0.3	0.02	5.76	0.2	0	Satisfactory
8	2078/03/03	Maharajgunj	Bansbari WTP	Treated	Clear/5.52	<5	6.7	45	12	12	0.1	0.02	5.76	0.3	0	Satisfactory
9	2078/03/03	Madhyapur Thimi	Bode WTP	Treated	Clear/2.4	<5	7.1	255	60	52	0.3	1.6	7.68	0.3	0	Satisfactory
10	2078/03/04	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	6.8	58	10	14	0.1	0.02	5.76	0.2	0	Satisfactory
11	2078/03/04	Maharajgunj	Bansbari WTP	Treated	Clear/6.32	<5	6.7	49	12	12	0.1	0.02	5.76	0.5	0	Satisfactory
12	2078/03/04	Madhyapur Thimi	Bode WTP	Treated	Clear/2.6	<5	7.1	253	60	50	0.3	1.3	5.76	0.2	0	Satisfactory
13	2078/03/05	Maharajgunj	Bansbari WTP	Treated	Clear/3.64	<5	6.7	55	16	14	0.1	0.02	5.76	0.5	0	Satisfactory
14	2078/03/06	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	6.8	53	10	12	0.1	0.02	5.76	0.1	0	Satisfactory
15	2078/03/06	Maharajgunj	Bansbari WTP	Treated	Clear/3.74	<5	6.9	68	16	14	0.1	0.02	5.76	0.5	0	Satisfactory
16	2078/03/07	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/2	<5	6.6	71	16	14	0.1	0.02	7.68	0.4	0	Satisfactory
17	2078/03/07	Maharajgunj	Bansbari WTP	Treated	Clear/3.03	<5	6.9	70	18	14	0.1	0.02	5.76	0.4	0	Satisfactory
18	2078/03/07	Madhyapur Thimi	Bode WTP	Treated	Clear/2.5	<5	6.8	262	60	54	0.3	1.8	9.6	0.1	0	Satisfactory
19	2078/03/08	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/3	<5	8.1	66	16	14	0.1	0.02	5.76	0.4	0	Satisfactory
20	2078/03/08	Maharajgunj	Bansbari WTP	Treated	Clear/3.34	<5	6.9	71	20	16	0.1	0.02	5.76	0.4	0	Satisfactory
21	2078/03/08	Madhyapur Thimi	Bode WTP	Treated	Clear/2.4	<5	6.7	260	60	50	0.3	1.6	7.68	0.4	0	Satisfactory
22	2078/03/09	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	7.2	89	16	20	0.3	0.02	7.68	0.3	0	Satisfactory
23	2078/03/09	Maharajgunj	Bansbari WTP	Treated	Clear/7.34	<5	6.8	56	16	16	0.1	0.02	5.76	0.5	0	Satisfactory
24	2078/03/09	Madhyapur Thimi	Bode WTP	Treated	Clear/1.9	<5	6.9	269	62	58	0.3	1.5	13.44	0.4	0	Satisfactory
25	2078/03/10	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	6.5	70	12	14	0.2	0.02	7.68	0.4	0	Satisfactory
26	2078/03/10	Maharajgunj	Bansbari WTP	Treated	Clear/6.33	<5	6.9	60	18	16	0.1	0.02	5.76	0.7	0	Satisfactory
27	2078/03/11	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	6.5	74	14	16	0.3	0.02	5.76	0.5	0	Satisfactory
28	2078/03/11	Maharajgunj	Bansbari WTP	Treated	Clear/4.03	<5	6.7	57	16	16	0.1	0.02	5.76	0.4	0	Satisfactory
29	2078/03/11	Lalitpur	Saibu WTP	Treated	Clear/7.8	<5	6.9	309	98	104	0.1	0.02	11.52	0.3	0	Satisfactory
30	2078/03/12	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.9	94	16	20	0.1	0.02	5.76	0.6	0	Satisfactory
31	2078/03/12	Maharajgunj	Bansbari WTP	Treated	Clear/5.32	<5	6.8	56	16	14	0.1	0.02	5.76	0.4	0	Satisfactory
32	2078/03/13	Lalitpur	Saibu WTP	Treated	Clear/3.9	<5	7.2	294	98	104	0.1	0.02	5.76	0.4	0	Satisfactory

33	2078/03/13	Madhyapur Thimi	Bode WTP	Treated	Clear/2.1	<5	6.9	267	60	58	0.3	1.2	13.44	0.2	0	Satisfactory
34	2078/03/14	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	6.5	78	14	16	0.3	0.02	5.76	0.2	0	Satisfactory
35	2078/03/14	Maharajgunj	Bansbari WTP	Treated	Clear/9.83	<5	6.7	53	14	12	0.1	0.02	5.76	0.3	0	Satisfactory
36	2078/03/14	Lalitpur	Saibu WTP	Treated	Clear/3.2	<5	7.3	315	110	126	0.1	0.02	11.52	0.5	0	Satisfactory
37	2078/03/14	Madhyapur Thimi	Bode WTP	Treated	Clear/1.7	<5	6.7	273	62	58	0.3	1.4	11.52	0.3	0	Satisfactory
38	2078/03/15	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	7.1	77	16	14	0.1	0.02	5.76	0.4	0	Satisfactory
39	2078/03/15	Maharajgunj	Bansbari WTP	Treated	Clear/4.34	<5	6.6	51	14	14	0.1	0.02	5.76	0.4	0	Satisfactory
40	2078/03/15	Madhyapur Thimi	Bode WTP	Treated	Clear/1.4	<5	6.8	272	62	58	0.3	1.4	9.6	0.2	0	Satisfactory
41	2078/03/16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	7.5	61	16	14	0.3	0.02	5.76	0.6	0	Satisfactory
43	2078/03/16	Maharajgunj	Bansbari WTP	Treated	Clear/4.34	<5	6.6	51	14	14	0.1	0.02	5.76	0.4	0	Satisfactory
45	2078/03/16	Lalitpur	Saibu WTP	Treated	Clear/4.5	<5	6.6	50	14	12	0.1	0.02	5.76	0.5	0	Satisfactory
46	2078/03/16	Madhyapur Thimi	Bode WTP	Treated	Clear/1.3	<5	6.7	260	60	50	0.3	1.6	7.68	0.1	0	Satisfactory
47	2078/03/17	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7.1	<5	7.9	70	16	14	0.1	0.02	5.76	0.7	0	Satisfactory
48	2078/03/17	Maharajgunj	Bansbari WTP	Treated	Clear/5.3	<5	6.6	48	14	12	0.1	0.02	5.76	0.5	0	Satisfactory
49	2078/03/17	Lalitpur	Saibu WTP	Treated	Clear/1.9	<5	7.4	310	98	102	0.3	0.02	11.52	0.6	0	Satisfactory
50	2078/03/17	Madhyapur Thimi	Bode WTP	Treated	Clear/1.5	<5	7.1	283	62	66	0.3	1.4	11.52	0.4	0	Satisfactory
51	2078/03/18	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7.3	<5	7.8	63	16	14	0.1	0.02	5.76	0.9	0	Satisfactory
52	2078/03/18	Maharajgunj	Bansbari WTP	Treated	Clear/4.46	<5	6.6	50	14	12	0.1	0.02	5.76	0.5	0	Satisfactory
53	2078/03/18	Lalitpur	Saibu WTP	Treated	Clear/2.9	<5	7.4	251	98	104	0.2	0.02	5.76	0.5	0	Satisfactory
54	2078/03/18	Madhyapur Thimi	Bode WTP	Treated	Clear/1.6	<5	6.8	269	60	54	0.3	1.2	9.6	0.1	0	Satisfactory
55	2078/03/19	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/5.9	<5	6.6	56	10	14	0.1	0.02	5.76	0.4	0	Satisfactory
56	2078/03/19	Maharajgunj	Bansbari WTP	Treated	Clear/9.35	<5	6.6	49	12	12	0.1	0.02	5.76	0.6	0	Satisfactory
57	2078/03/19	Lalitpur	Saibu WTP	Treated	Clear/2.4	<5	7.1	245	98	102	0.1	0.02	5.76	0.2	0	Satisfactory
58	2078/03/20	Maharajgunj	Bansbari WTP	Treated	Clear/7.44	<5	6.6	53	14	12	0.1	0.02	5.76	0.5	0	Satisfactory
59	2078/03/20	Madhyapur Thimi	Bode WTP	Treated	Clear/1.4	<5	6.7	262	60	52	0.3	1.2	9.6	0.1	0	Satisfactory
60	2078/03/21	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	7.1	58	12	14	0.2	0.02	5.76	0.5	0	Satisfactory
61	2078/03/21	Maharajgunj	Bansbari WTP	Treated	Clear/5.56	<5	6.6	40	14	14	0.1	0.02	5.76	0.7	0	Satisfactory
62	2078/03/21	Lalitpur	Saibu WTP	Treated	Clear/3.4	<5	7.3	256	98	102	0.1	0.02	11.52	0.4	0	Satisfactory
63	2078/03/21	Madhyapur Thimi	Bode WTP	Treated	Clear/1.4	<5	6.9	279	62	60	0.3	1.3	11.52	0.2	0	Satisfactory
64	2078/03/22	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9.4	<5	6.5	72	12	14	0.1	0.02	5.76	0.6	0	Satisfactory
65	2078/03/22	Maharajgunj	Bansbari WTP	Treated	Clear/0.34	<5	6.7	51	14	12	0.1	0.02	5.76	0.4	0	Satisfactory
66	2078/03/22	Lalitpur	Saibu WTP	Treated	Clear/1.8	<5	7.6	248	98	104	0.1	0.02	5.76	0.5	0	Satisfactory
67	2078/03/23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/3.9	<5	7.1	51	10	12	0.1	0.02	5.76	0.7	0	Satisfactory
68	2078/03/23	Maharajgunj	Bansbari WTP	Treated	Clear/5.3	<5	6.8	40	14	14	0.1	0.02	5.76	0.5	0	Satisfactory
69	2078/03/23	Lalitpur	Saibu WTP	Treated	Clear/1.9	<5	7.6	259	98	104	0.1	0.02	7.68	0.3	0	Satisfactory
70	2078/03/23	Madhyapur Thimi	Bode WTP	Treated	Clear/1.1	<5	6.8	282	62	64	0.3	1.4	13.44	0.4	0	Satisfactory
73	2078/03/24	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/5.3	<5	7.1	55	12	14	0.1	0.02	5.76	0.5	0	Satisfactory
74	2078/03/24	Maharajgunj	Bansbari WTP	Treated	Clear/4.45	<5	6.8	38	14	12	0.1	0.02	5.76	0.3	0	Satisfactory
75	2078/03/25	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/4.8	<5	7.2	63	12	14	0.1	0.02	5.76	0.6	0	Satisfactory
76	2078/03/25	Maharajgunj	Bansbari WTP	Treated	Clear/6.9	<5	6.7	40	14	12	0.1	0.02	5.76	0.4	0	Satisfactory
77	2078/03/26	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8.9	<5	7.1	77	12	14	0.1	0.02	5.76	0.2	0	Satisfactory
78	2078/03/26	Maharajgunj	Bansbari WTP	Treated	Clear/4.46	<5	6.6	50	12	12	0.1	0.02	5.76	0.5	0	Satisfactory

79	2078/03/27	Maharajgunj	Bansbari WTP	Treated	Clear/9.35	<5	6.6	49	14	12	0.1	0.02	5.76	0.4	0	Satisfactory
80	2078/03/27	Madhyapur Thimi	Bode WTP	Treated	Clear/1.7	<5	6.8	274	60	56	0.3	1.6	9.6	0.2	0	Satisfactory
81	2078/03/28	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/3.9	<5	6.6	66	12	14	0.1	0.02	5.76	0.3	0	Satisfactory
82	2078/03/28	Maharajgunj	Bansbari WTP	Treated	Clear/7.44	<5	6.6	53	14	12	0.1	0.02	5.76	0.5	0	Satisfactory
83	2078/03/29	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	6.6	56	10	14	0.1	0.02	5.76	0.4	0	Satisfactory
84	2078/03/29	Maharajgunj	Bansbari WTP	Treated	Clear/5.3	<5	6.7	40	14	14	0.1	0.02	5.76	0.5	0	Satisfactory
85	2078/03/30	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	6.5	77	14	16	0.2	0.02	5.76	0.1	0	Satisfactory
86	2078/03/30	Maharajgunj	Bansbari WTP	Treated	Clear/4.45	<5	6.8	51	14	12	0.1	0.02	5.76	0.6	0	Satisfactory
87	2078/03/30	Madhyapur Thimi	Bode WTP	Treated	Clear/2.3	<5	6.7	258	58	52	0.3	1.4	7.68	0.1	0	Satisfactory
88	2078/03/31	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/6.2	<5	6.8	62	14	16	0.1	0.02	5.76	0.3	0	Satisfactory
89	2078/03/31	Maharajgunj	Bansbari WTP	Treated	Clear/6.9	<5	6.8	40	14	14	0.1	0.02	5.76	0.5	0	Satisfactory
90	2078/03/31	Lalitpur	Saibu WTP	Treated	Clear/3.3	<5	7.2	256	98	102	0.1	0.02	5.76	0.4	0	Satisfactory
91	2078/03/31	Madhyapur Thimi	Bode WTP	Treated	Clear/1.9	<5	6.9	262	58	62	0.3	1.4	9.6	0.1	0	Satisfactory