

**KATHMANDU UPATYAKA KHANEPANI LIMITED**  
**Water / Waste Water Quality Assurance Division , Mahankalchaur**  
**Laboratory Record Of Chemical & Bacteriological Analysis Of Water**  
**Ashoj 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
					(NTU)	(TCU)		µs/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	100/ml	
<b>National Drinking Water Quality Standard (NDWQS)</b>					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	2078/06/01	Lalitpur	Sainbu WTP	Treated	Clear/0.55	<5	7.79	341	100	120	0.1	0.02	5.76	0.7	0	Satisfactory
2	2078/06/01	Madhyapur Thimi	Bode WTP	Treated	Clear/1	<5	6.90	303	62	64	0.3	1.8	17.28	0.2	0	Satisfactory
3	2078/06/01	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/2.03	<5	6.90	47.1	12	14	0.1	0.02	5.76	0.1	0	Satisfactory
4	2078/06/01	Maharajunj	Bansbari WTP	Treated	Clear/3.5	<5	6.71	35.1	10	8	0.1	0.02	5.76	0.6	0	Satisfactory
5	2078/06/02	Maharajunj	Bansbari WTP	Treated	Clear/3.32	<5	6.70	33.7	10	10	0.1	0.02	5.76	0.7	0	Satisfactory
6	2078/06/03	Maharajunj	Bansbari WTP	Treated	Clear/3.13	<5	6.72	36.3	10	10	0.1	0.02	7.68	0.7	0	Satisfactory
7	2078/06/04	Lalitpur	Sainbu WTP	Treated	Clear/0.36	<5	7.84	348	102	122	0.1	0.02	7.68	0.7	0	Satisfactory
8	2078/06/04	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/2.5	<5	6.60	21.8	6	8	0.1	0.02	5.76	0.1	0	Satisfactory
9	2078/06/04	Maharajunj	Bansbari WTP	Treated	Clear/3.53	<5	6.79	36.7	10	10	0.1	0.02	5.76	0.6	0	Satisfactory
10	2078/06/05	Lalitpur	Sainbu WTP	Treated	Clear/0.61	<5	7.96	341	100	120	0.1	0.02	7.68	0.8	0	Satisfactory
11	2078/06/05	Madhyapur Thimi	Bode WTP	Treated	Clear/2.2	<5	6.80	290.6	60	58	0.3	1.8	11.52	0.4	0	Satisfactory
12	2078/06/05	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/2.7	<5	6.20	37	10	12	0.1	0.02	5.76	0.3	0	Satisfactory
13	2078/06/05	Maharajunj	Bansbari WTP	Treated	Clear/3.32	<5	6.72	35.2	8	8	0.1	0.02	3.84	0.5	0	Satisfactory
14	2078/06/06	Lalitpur	Sainbu WTP	Treated	Clear/0.17	<5	7.82	344	102	120	0.1	0.02	5.76	0.5	0	Satisfactory
15	2078/06/06	Madhyapur Thimi	Bode WTP	Treated	Clear/1.4	<5	6.90	295.4	60	58	0.3	1.8	11.52	0.2	0	Satisfactory
16	2078/06/06	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/0.32	<5	6.40	31.5	10	12	0.1	0.02	5.76	0.3	0	Satisfactory
17	2078/06/06	Maharajunj	Bansbari WTP	Treated	Clear/4.33	<5	6.62	36.2	8	10	0.1	0.02	5.76	0.6	0	Satisfactory
18	2078/06/07	Lalitpur	Sainbu WTP	Treated	Clear/0.55	<5	7.79	341	100	120	0.1	0.02	5.76	0.7	0	Satisfactory
19	2078/06/07	Madhyapur Thimi	Bode WTP	Treated	Clear/2.6	<5	6.70	291.9	60	58	0.3	1.8	11.52	0.2	0	Satisfactory
20	2078/06/07	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/3.8	<5	6.40	45.4	12	14	0.1	0.02	5.76	0.4	0	Satisfactory
21	2078/06/07	Maharajunj	Bansbari WTP	Treated	Clear/4.11	<5	6.65	38.2	10	10	0.1	0.02	5.76	0.5	0	Satisfactory
22	2078/06/08	Madhyapur Thimi	Bode WTP	Treated	Clear/3.8	<5	6.70	301	60	60	0.3	1.8	11.52	0.2	0	Satisfactory
23	2078/06/08	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/2.2	<5	6.50	36.2	12	14	0.1	0.02	5.76	0.4	0	Satisfactory
24	2078/06/08	Maharajunj	Bansbari WTP	Treated	Clear/4.31	<5	6.73	41.6	10	10	0.1	0.02	7.68	0.8	0	Satisfactory
25	2078/06/09	Maharajunj	Bansbari WTP	Treated	Clear/8.07	<5	6.75	27.45	8	8	0.1	0.02	3.84	0.5	0	Satisfactory
26	2078/06/10	Lalitpur	Sainbu WTP	Treated	Clear/0.17	<5	7.82	344	102	120	0.1	0.02	5.76	0.6	0	Satisfactory
27	2078/06/10	Madhyapur Thimi	Bode WTP	Treated	Clear/1.4	<5	6.70	308	62	60	0.3	1.8	19.2	0.3	0	Satisfactory
28	2078/06/10	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.7	<5	6.20	31.8	12	14	0.1	0.02	5.76	0.4	0	Satisfactory

29	2078/06/10	Maharajgunj	Bansbari WTP	Treated	Clear/4.03	<5	6.73	39.2	10	10	0.1	0.02	5.76	0.2	0	Satisfactory
30	2078/06/11	Lalitpur	Sainbu WTP	Treated	Clear/0.55	<5	7.79	341	100	120	0.1	0.02	5.76	0.7	0	Satisfactory
31	2078/06/11	Madhyapur Thimi	Bode WTP	Treated	Clear/2.1	<5	6.70	283	60	56	0.3	1.8	11.52	0.3	0	Satisfactory
32	2078/06/11	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.2	<5	6.90	36.9	12	14	0.1	0.02	5.76	0.4	0	Satisfactory
33	2078/06/11	Maharajgunj	Bansbari WTP	Treated	Clear/3.42	<5	6.71	38.3	10	10	0.1	0.02	5.76	0.8	0	Satisfactory
34	2078/06/12	Lalitpur	Sainbu WTP	Treated	Clear/0.72	<5	7.91	337	96	118	0.1	0.02	5.76	0.6	0	Satisfactory
35	2078/06/12	Madhyapur Thimi	Bode WTP	Treated	Clear/1.9	<5	6.70	275.7	60	56	0.3	1.8	15.36	0.4	0	Satisfactory
36	2078/06/12	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/3.1	<5	6.60	36.3	17	14	0.1	0.02	5.76	0.4	0	Satisfactory
37	2078/06/12	Maharajgunj	Bansbari WTP	Treated	Clear/4.38	<5	6.70	34.7	8	8	0.1	0.02	5.76	0.6	0	Satisfactory
38	2078/06/13	Lalitpur	Sainbu WTP	Treated	Clear/0.27	<5	8.01	340	98	120	0.1	0.02	7.68	0.5	0	Satisfactory
39	2078/06/13	Madhyapur Thimi	Bode WTP	Treated	Clear/1.8	<5	6.80	285	58	64	0.3	1.8	9.6	0.2	0	Satisfactory
40	2078/06/13	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.5	<5	6.40	37	12	14	0.1	0.02	5.76	0.3	0	Satisfactory
41	2078/06/13	Maharajgunj	Bansbari WTP	Treated	Clear/4.32	<5	6.64	44.2	10	10	0.1	0.02	7.68	0.5	0	Satisfactory
42	2078/06/14	Lalitpur	Sainbu WTP	Treated	Clear/0.63	<5	7.91	337	96	118	0.1	0.02	5.76	0.6	0	Satisfactory
43	2078/06/14	Madhyapur Thimi	Bode WTP	Treated	Clear/2.1	<5	6.70	286	58	64	0.3	1.8	13.44	0.3	0	Satisfactory
44	2078/06/14	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/2.5	<5	7.30	36.2	12	14	0.1	0.02	5.76	0.2	0	Satisfactory
45	2078/06/14	Maharajgunj	Bansbari WTP	Treated	Clear/9.62	<5	6.81	28.5	10	8	0.1	0.02	5.76	0.4	0	Satisfactory
46	2078/06/15	Lalitpur	Sainbu WTP	Treated	Clear/0.17	<5	7.82	344	102	120	0.1	0.02	5.76	0.3	0	Satisfactory
47	2078/06/15	Madhyapur Thimi	Bode WTP	Treated	Clear/1.2	<5	6.70	280.5	58	62	0.3	1.8	9.6	0.4	0	Satisfactory
48	2078/06/15	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.9	<5	6.20	43.4	12	14	0.1	0.02	5.76	0.3	0	Satisfactory
49	2078/06/15	Maharajgunj	Bansbari WTP	Treated	Clear/4.07	<5	6.71	42.3	12	10	0.1	0.02	7.68	0.6	0	Satisfactory
50	2078/06/16	Maharajgunj	Bansbari WTP	Treated	Clear/3.45	<5	6.73	39.2	10	10	0.1	0.02	5.76	0.6	0	Satisfactory
51	2078/06/17	Lalitpur	Sainbu WTP	Treated	Clear/0.22	<5	7.81	354	102	122	0.1	0.02	7.68	0.7	0	Satisfactory
52	2078/06/17	Madhyapur Thimi	Bode WTP	Treated	Clear/2	<5	6.80	272.9	58	56	0.3	1.8	9.6	0.4	0	Satisfactory
53	2078/06/17	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.3	<5	6.10	30.7	12	14	0.1	0.02	5.76	0.5	0	Satisfactory
54	2078/06/17	Maharajgunj	Bansbari WTP	Treated	Clear/4.03	<5	6.74	34.3	10	8	0.1	0.02	3.84	0.4	0	Satisfactory
55	2078/06/18	Lalitpur	Sainbu WTP	Treated	Clear/0.25	<5	7.86	345	100	120	0.1	0.02	5.76	0.7	0	Satisfactory
56	2078/06/18	Madhyapur Thimi	Bode WTP	Treated	Clear/1.9	<5	6.80	299	58	66	0.3	1.8	9.6	0.4	0	Satisfactory
57	2078/06/18	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.5	<5	6.30	41.4	12	14	0.1	0.02	5.76	0.5	0	Satisfactory
58	2078/06/18	Maharajgunj	Bansbari WTP	Treated	Clear/3.83	<5	6.81	37.2	10	10	0.1	0.02	5.76	0.6	0	Satisfactory
59	2078/06/19	Lalitpur	Sainbu WTP	Treated	Clear/0.53	<5	7.97	340	96	120	0.1	0.02	5.76	0.5	0	Satisfactory
60	2078/06/19	Madhyapur Thimi	Bode WTP	Treated	Clear/1.8	<5	6.90	281.7	58	56	0.3	1.8	9.6	0.2	0	Satisfactory
61	2078/06/19	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/3.9	<5	6.80	68.6	12	14	0.1	0.02	5.76	0.2	0	Satisfactory
62	2078/06/19	Maharajgunj	Bansbari WTP	Treated	Clear/4.11	<5	6.74	36.2	10	10	0.1	0.02	5.76	0.6	0	Satisfactory
63	2078/06/20	Lalitpur	Sainbu WTP	Treated	Clear/0.53	<5	8.12	332	96	118	0.1	0.02	5.76	0.7	0	Satisfactory
64	2078/06/20	Madhyapur Thimi	Bode WTP	Treated	Clear/1.4	<5	6.70	294	60	64	0.3	1.8	11.52	0.2	0	Satisfactory
65	2078/06/20	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/0.9	<5	6.40	48.5	12	14	0.1	0.02	5.76	0.4	0	Satisfactory
66	2078/06/20	Maharajgunj	Bansbari WTP	Treated	Clear/3.94	<5	6.74	33.7	10	8	0.1	0.02	5.76	0.5	0	Satisfactory
67	2078/06/21	Maharajgunj	Bansbari WTP	Treated	Clear/4.24	<5	6.71	36	10	10	0.1	0.02	5.76	0.5	0	Satisfactory
68	2078/06/22	Lalitpur	Sainbu WTP	Treated	Clear/0.41	<5	7.89	337	96	118	0.1	0.02	5.76	0.6	0	Satisfactory
69	2078/06/22	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/2.03	<5	6.80	50.3	12	14	0.1	0.02	5.76	0.5	0	Satisfactory
70	2078/06/22	Maharajgunj	Bansbari WTP	Treated	Clear/4.05	<5	6.72	37.3	10	10	0.1	0.02	5.76	0.6	0	Satisfactory

71	2078/06/23	Maharajgunj	Bansbari WTP	Treated	Clear/3.24	<5	6.82	35.4	10	10	0.1	0.02	5.76	0.6	0	Satisfactory
72	2078/06/24	Lalitpur	Sainbu WTP	Treated	Clear/0.21	<5	7.93	338	98	120	0.1	0.02	5.76	0.5	0	Satisfactory
73	2078/06/24	Madhyapur Thimi	Bode WTP	Treated	Clear/1.9	<5	6.70	280	58	56	0.3	1.8	11.52	0.1	0	Satisfactory
74	2078/06/24	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.5	<5	7.30	46.9	12	14	0.1	0.02	5.76	0.4	0	Satisfactory
75	2078/06/24	Maharajgunj	Bansbari WTP	Treated	Clear/3.07	<5	6.83	35.2	10	8	0.1	0.02	5.76	0.7	0	Satisfactory
76	2078/06/25	Lalitpur	Sainbu WTP	Treated	Clear/0.17	<5	7.74	340	96	118	0.1	0.02	5.76	0.5	0	Satisfactory
77	2078/06/25	Madhyapur Thimi	Bode WTP	Treated	Clear/2.5	<5	6.90	298.3	60	64	0.3	1.8	15.36	0.3	0	Satisfactory
78	2078/06/25	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.8	<5	7.30	49.3	12	14	0.1	0.02	5.76	0.3	0	Satisfactory
79	2078/06/25	Maharajgunj	Bansbari WTP	Treated	Clear/3.11	<5	6.82	37.1	10	8	0.1	0.02	5.76	0.5	0	Satisfactory
80	2078/06/26	Maharajgunj	Bansbari WTP	Treated	Clear/3.06	<5	6.81	36.4	10	8	0.1	0.02	5.76	0.6	0	Satisfactory
81	2078/06/27	Maharajgunj	Bansbari WTP	Treated	Clear/3.02	<5	6.82	37.4	10	10	0.1	0.02	5.76	0.6	0	Satisfactory
82	2078/06/28	Maharajgunj	Bansbari WTP	Treated	Clear/2.67	<5	6.72	36.6	10	10	0.1	0.02	5.76	0.5	0	Satisfactory
83	2078/06/29	Maharajgunj	Bansbari WTP	Treated	Clear/2.83	<5	6.67	36	10	10	0.1	0.02	5.76	0.5	0	Satisfactory
84	2078/06/30	Maharajgunj	Bansbari WTP	Treated	Clear/3.22	<5	6.82	34.6	10	8	0.1	0.02	5.76	0.5	0	Satisfactory
85	2078/06/31	Madhyapur Thimi	Bode WTP	Treated	Clear/3.5	<5	6.80	282.9	60	58	0.3	1.8	9.6	0.4	0	Satisfactory
86	2078/06/31	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/3.5	<5	6.20	72.8	12	16	0.1	0.02	5.76	0.3	0	Satisfactory
87	2078/06/31	Maharajgunj	Bansbari WTP	Treated	Clear/342	<5	6.80	36.3	10	10	0.1	0.02	5.76	0.6	0	Satisfactory