

KATHMANDU UPATYAKA KHANEPANI LIMITED
Water / Waste Water Quality Assurance Division , Mahankalchaur
Laboratory Record Of Chemical & Bacteriological Analysis Of Water
Falgun 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	2078/11/01	Maharajgunj	Bansbari WTP	Treated	Clear/0.5	<5	7.1	48.20	16	14	0.1	0.02	5.76	0.5	0	Satisfactory
2	2078/11/01	Madhyapur Thimi	Bode WTP	Treated	Clear/1.87	<5	6.7	330.00	62	54	0.3	1.6	11.52	0.3	0	Satisfactory
3	2078/11/01	Lalitpur	Saibu WTP	Treated	Clear/1.34	<5	7.73	237.00	100	102	0.1	0.02	5.76	0.7	0	Satisfactory
4	2078/11/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.3	<5	7.8	60.40	12	10	0.1	0.02	5.76	0.1	0	Satisfactory
5	2078/11/02	Maharajgunj	Bansbari WTP	Treated	Clear/0.4	<5	6.9	48.20	16	14	0.1	0.02	3.84	0.5	0	Satisfactory
6	2078/11/02	Madhyapur Thimi	Bode WTP	Treated	Clear/1.45	<5	6.7	310.00	64	56	0.3	1.8	11.52	0.2	0	Satisfactory
7	2078/11/02	Lalitpur	Saibu WTP	Treated	Clear/2.03	<5	7.52	230.00	100	100	0.1	0.02	5.76	0.6	0	Satisfactory
8	2078/11/03	Maharajgunj	Bansbari WTP	Treated	Clear/0.8	<5	6.9	44.20	18	14	0.1	0.02	5.76	0.5	0	Satisfactory
9	2078/11/03	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/0.97	<5	7.6	59.60	14	10	0.1	0.02	5.76	0.1	0	Satisfactory
10	2078/11/03	Madhyapur Thimi	Bode WTP	Treated	Clear/1.63	<5	6.5	320.00	62	62	0.3	1.6	11.52	0.1	0	Satisfactory
11	2078/11/03	Lalitpur	Saibu WTP	Treated	Clear/1.99	<5	7.75	240.00	100	104	0.1	0.02	5.76	0.6	0	Satisfactory
12	2078/11/04	Maharajgunj	Bansbari WTP	Treated	Clear/0.5	<5	6.9	54.20	18	14	0.1	0.02	5.76	0.4	0	Satisfactory
13	2078/11/04	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.06	<5	7.6	62.20	18	14	0.1	0.02	5.76	0.5	0	Satisfactory
14	2078/11/04	Madhyapur Thimi	Bode WTP	Treated	Clear/1.29	<5	6.6	330.00	68	68	0.3	1.6	11.52	0.3	0	Satisfactory
15	2078/11/05	Maharajgunj	Bansbari WTP	Treated	Clear/0.5	<5	7.1	50.20	18	14	0.1	0.02	5.76	0.4	0	Satisfactory
16	2078/11/05	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.1	<5	7.5	49.30	16	16	0.2	0.02	5.76	0.1	0	Satisfactory
17	2078/11/05	Madhyapur Thimi	Bode WTP	Treated	Clear/1.88	<5	6.6	330.00	66	66	0.3	1.6	11.52	0.1	0	Satisfactory
18	2078/11/06	Maharajgunj	Bansbari WTP	Treated	Clear/0.9	<5	6.9	50.20	18	16	0.1	0.02	5.76	0.4	0	Satisfactory
19	2078/11/06	Madhyapur Thimi	Bode WTP	Treated	Clear/1.51	<5	6.7	340.00	64	62	0.3	1.6	11.52	0.3	0	Satisfactory
20	2078/11/07	Maharajgunj	Bansbari WTP	Treated	Clear/1.0	<5	7.1	55.20	20	16	0.1	0.02	5.76	0.6	0	Satisfactory
21	2078/11/07	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.82	<5	7.7	49.10	16	14	0.1	0.02	5.76	0.1	0	Satisfactory
22	2078/11/08	Maharajgunj	Bansbari WTP	Treated	Clear/0.4	<5	6.9	57.70	18	16	0.1	0.02	5.76	0.6	0	Satisfactory
23	2078/11/08	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/2.33	<5	6.8	57.90	18	14	0.1	0.02	5.76	0.2	0	Satisfactory
24	2078/11/08	Madhyapur Thimi	Bode WTP	Treated	Clear/1.17	<5	6.7	325.00	64	60	0.3	1.6	13.44	0.6	0	Satisfactory
25	2078/11/09	Maharajgunj	Bansbari WTP	Treated	Clear/0.6	<5	7.1	57.20	20	16	0.1	0.02	7.68	0.5	0	Satisfactory
26	2078/11/09	Madhyapur Thimi	Bode WTP	Treated	Clear/1.38	<5	6.7	278.00	64	64	0.3	1.6	13.44	0.3	0	Satisfactory
27	2078/11/10	Lalitpur	Saibu WTP	Treated	Clear/0.88	<5	7.68	249.00	100	104	0.1	0.02	7.68	0.5	0	Satisfactory
28	2078/11/10	Maharajgunj	Bansbari WTP	Treated	Clear/0.5	<5	7.1	58.30	18	16	0.1	0.02	7.68	0.6	0	Satisfactory
29	2078/11/10	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/2.18	<5	7.5	56.30	12	14	0.1	0.02	5.76	0.1	0	Satisfactory
30	2078/11/10	Madhyapur Thimi	Bode WTP	Treated	Clear/1.07	<5	6.7	292.00	66	66	0.3	1.6	11.52	0.4	0	Satisfactory
31	2078/11/11	Lalitpur	Saibu WTP	Treated	Clear/1.14	<5	7.55	254.00	96	106	0.1	0.02	7.68	0.7	0	Satisfactory
32	2078/11/11	Maharajgunj	Bansbari WTP	Treated	Clear/0.5	<5	7.1	54.30	20	16	0.1	0.02	7.68	0.4	0	Satisfactory
33	2078/11/11	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.17	<5	6.6	55.40	10	14	0.1	0.02	5.76	0.1	0	Satisfactory
34	2078/11/11	Madhyapur Thimi	Bode WTP	Treated	Clear/1.64	<5	6.7	272.00	68	64	0.3	1.6	11.52	0.8	0	Satisfactory
35	2078/11/12	Lalitpur	Saibu WTP	Treated	Clear/1.32	<5	7.81	259.00	96	108	0.1	0.02	7.68	0.8	0	Satisfactory

36	2078/11/12	Maharajgunj	Bansbari WTP	Treated	Clear/0.7	<5	7.1	56.30	20	16	0.1	0.02	7.68	0.6	0	Satisfactory
37	2078/11/12	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/3.5	<5	7.5	32.00	8	14	0.1	0.02	5.76	0.3	0	Satisfactory
38	2078/11/12	Madhyapur Thimi	Bode WTP	Treated	Clear/1.25	<5	6.9	325.00	64	66	0.3	1.6	11.52	0.5	0	Satisfactory
39	2078/11/13	Maharajgunj	Bansbari WTP	Treated	Clear/0.8	<5	7.1	58.20	20	16	0.1	0.02	5.76	0.5	0	Satisfactory
40	2078/11/13	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.9	<5	6.9	64.20	12	14	0.1	0.02	5.76	0.1	0	Satisfactory
41	2078/11/13	Madhyapur Thimi	Bode WTP	Treated	Clear/1.40	<5	6.9	295.00	66	66	0.3	1.7	11.52	0.3	0	Satisfactory
42	2078/11/14	Maharajgunj	Bansbari WTP	Treated	Clear/0.9	<5	7.1	61.20	20	16	0.1	0.02	7.68	0.5	0	Satisfactory
43	2078/11/15	Lalitpur	Saibu WTP	Treated	Clear/0.89	<5	7.74	228.00	96	98	0.1	0.02	5.76	0.5	0	Satisfactory
44	2078/11/15	Maharajgunj	Bansbari WTP	Treated	Clear/1.1	<5	7.1	58.30	20	16	0.1	0.02	7.68	0.5	0	Satisfactory
45	2078/11/15	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/0.82	<5	7.4	42.50	10	14	0.1	0.02	5.76	0.1	0	Satisfactory
46	2078/11/15	Madhyapur Thimi	Bode WTP	Treated	Clear/1.38	<5	6.8	283.00	66	62	0.3	1.7	11.52	0.8	0	Satisfactory
47	2078/11/16	Lalitpur	Saibu WTP	Treated	Clear/1.16	<5	7.79	234.00	90	100	0.1	0.02	5.76	0.8	0	Satisfactory
48	2078/11/16	Maharajgunj	Bansbari WTP	Treated	Clear/1.2	<5	7.1	59.30	20	16	0.1	0.02	5.76	0.6	0	Satisfactory
49	2078/11/16	Madhyapur Thimi	Bode WTP	Treated	Clear/1.15	<5	6.7	318.00	72	74	0.3	1.7	11.52	0.5	0	Satisfactory
50	2078/11/17	Maharajgunj	Bansbari WTP	Treated	Clear/1.3	<5	7.1	62.40	20	16	0.1	0.02	5.76	0.6	0	Satisfactory
51	2078/11/18	Maharajgunj	Bansbari WTP	Treated	Clear/0.9	<5	7.1	53.70	22	16	0.1	0.02	5.76	0.6	0	Satisfactory
52	2078/11/18	Lalitpur	Saibu WTP	Treated	Clear/1.37	<5	7.83	245.00	150	104	0.1	0.02	7.68	0.8	0	Satisfactory
53	2078/11/18	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/0.71	<5	7.5	42.40	10	14	0.1	0.02	5.76	0.7	0	Satisfactory
54	2078/11/18	Madhyapur Thimi	Bode WTP	Treated	Clear/1.10	<5	6.7	276.00	68	64	0.2	1.7	13.44	0.8	0	Satisfactory
55	2078/11/19	Maharajgunj	Bansbari WTP	Treated	Clear/0.9	<5	7.1	65.00	22	18	0.1	0.02	7.8	0.6	0	Satisfactory
56	2078/11/19	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/0.86	<5	7.2	38.40	8	14	0.1	0.02	5.76	0.1	0	Satisfactory
57	2078/11/20	Lalitpur	Saibu WTP	Treated	Clear/0.89	<5	7.67	243.00	150	102	0.1	0.02	7.68	0.7	0	Satisfactory
58	2078/11/20	Maharajgunj	Bansbari WTP	Treated	Clear/1.0	<5	7.1	64.00	22	18	0.1	0.02	5.76	0.6	0	Satisfactory
59	2078/11/20	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/0.81	<5	7.8	46.50	12	14	0.1	0.02	5.76	0.8	0	Satisfactory
60	2078/11/20	Madhyapur Thimi	Bode WTP	Treated	Clear/1.84	<5	6.8	304.00	66	62	0.2	1.7	11.52	0.8	0	Satisfactory
61	2078/11/21	Maharajgunj	Bansbari WTP	Treated	Clear/1.1	<5	7.1	59.40	20	18	0.1	0.02	5.76	0.6	0	Satisfactory
62	2078/11/22	Lalitpur	Saibu WTP	Treated	Clear/1.41	<5	7.90	233.00	150	98	0.1	0.02	7.68	0.7	0	Satisfactory
63	2078/11/22	Maharajgunj	Bansbari WTP	Treated	Clear/0.7	<5	7.1	59.30	20	18	0.1	0.02	5.76	0.3	0	Satisfactory
64	2078/11/22	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.48	<5	7.3	42.60	12	14	0.1	0.02	5.76	0.4	0	Satisfactory
65	2078/11/22	Madhyapur Thimi	Bode WTP	Treated	Clear/1.28	<5	6.7	294.00	66	66	0.3	1.7	11.52	0.1	0	Satisfactory
66	2078/11/23	Lalitpur	Saibu WTP	Treated	Clear/3.38	<5	7.92	242.00	150	102	0.1	0.02	7.68	0.6	0	Satisfactory
67	2078/11/23	Maharajgunj	Bansbari WTP	Treated	Clear/0.8	<5	7.1	57.60	22	18	0.1	0.02	5.76	0.3	0	Satisfactory
68	2078/11/23	Madhyapur Thimi	Bode WTP	Treated	Clear/1.75	<5	6.8	263.00	66	60	0.3	1.7	13.44	0.2	0	Satisfactory
69	2078/11/24	Maharajgunj	Bansbari WTP	Treated	Clear/1.0	<5	7.1	58.20	22	18	0.1	0.02	5.76	0.4	0	Satisfactory
70	2078/11/25	Lalitpur	Saibu WTP	Treated	Clear/2.83	<5	7.48	251.00	150	106	0.1	0.02	7.68	0.8	0	Satisfactory
71	2078/11/25	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.19	<5	7.7	37.20	12	14	0.1	0.02	5.76	0.4	0	Satisfactory
72	2078/11/25	Maharajgunj	Bansbari WTP	Treated	Clear/0.7	<5	7.1	59.00	22	18	0.1	0.02	5.76	0.4	0	Satisfactory
73	2078/11/25	Madhyapur Thimi	Bode WTP	Treated	Clear/1.89	<5	6.7	275.00	66	66	0.3	1.7	11.52	0.1	0	Satisfactory
74	2078/11/26	Lalitpur	Saibu WTP	Treated	Clear/2.45	<5	7.51	257.00	150	108	0.1	0.02	7.68	0.8	0	Satisfactory
75	2078/11/26	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.22	<5	7.6	38.20	12	14	0.1	0.02	5.76	0.1	0	Satisfactory
76	2078/11/26	Maharajgunj	Bansbari WTP	Treated	Clear/0.7	<5	7.1	60.40	20	18	0.1	0.02	5.76	0.4	0	Satisfactory
77	2078/11/26	Madhyapur Thimi	Bode WTP	Treated	Clear/1.56	<5	6.8	269.00	68	60	0.3	1.7	13.44	0.1	0	Satisfactory
78	2078/11/27	Lalitpur	Saibu WTP	Treated	Clear/2.11	<5	7.95	241.00	150	104	0.1	0.02	7.68	0.7	0	Satisfactory
79	2078/11/27	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.5	<5	7.4	39.20	12	14	0.1	0.02	5.76	0.1	0	Satisfactory
80	2078/11/27	Maharajgunj	Bansbari WTP	Treated	Clear/1.1	<5	7.1	60.70	20	18	0.1	0.02	5.76	0.5	0	Satisfactory

81	2078/11/27	Madhyapur Thimi	Bode WTP	Treated	Clear/2.40	<5	6.9	266.00	64	58	0.3	1.8	11.52	0.2	0	Satisfactory
82	2078/11/28	Maharajgunj	Bansbari WTP	Treated	Clear/0.4	<5	7.1	57.80	22	18	0.1	0.02	3.84	0.4	0	Satisfactory
83	2078/11/29	Lalitpur	Saibu WTP	Treated	Clear/2.10	<5	7.88	250.00	82	104	0.1	0.02	7.68	0.7	0	Satisfactory
84	2078/11/29	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.75	<5	6.7	47.10	14	14	0.1	0.02	5.76	0.1	0	Satisfactory
85	2078/11/29	Madhyapur Thimi	Bode WTP	Treated	Clear/2.04	<5	6.8	268.00	68	60	0.3	1.7	13.44	0.2	0	Satisfactory
86	2078/11/29	Madhyapur Thimi	Bode WTP	Treated	Clear/1.96	<5	6.8	277.00	66	66	0.3	1.7	11.52	0.2	0	Satisfactory
87	2078/11/29	Maharajgunj	Bansbari WTP	Treated	Clear/0.7	<5	7.1	64.40	22	18	0.1	0.02	5.76	0.4	0	Satisfactory
88	2078/11/30	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.4	<5	6.5	41.60	12	14	0.1	0.02	5.76	0.1	0	Satisfactory
89	2078/11/30	Maharajgunj	Bansbari WTP	Treated	Clear/0.4	<5	7.1	68.30	24	20	0.1	0.02	5.76	0.6	0	Satisfactory