

KATHMANDU UPATYAKA KHANEPANI LIMITED
Water / Waste Water Quality Assurance Division , Mahankalchaur
Laboratory Record Of Chemical & Bacteriological Analysis Of Water
Kartik 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
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	2078/07/01	Madhyapur Thimi	Bode WTP	Treated	Clear/1.8	<5	7.1	302	60	52	0.3	1.4	11.52	0.2	0	Satisfactory
2	2078/07/01	Lalitpur	Saibu WTP	Treated	Clear/0.21	<5	7.8	320	96	86	0.1	0.02	5.76	0.1	0	Satisfactory
3	2078/07/01	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/1.7	<5	7.1	58	12	14	0.1	0.02	5.76	0.3	0	Satisfactory
4	2078/07/01	Maharajgunj	Bansbari WTP	Treated	Clear/3.21	<5	6.8	40	10	10	0.1	0.02	5.76	0.7	0	Satisfactory
5	2078/07/02	Lalitpur	Saibu WTP	Treated	clear/0.17	<5	7.9	333	94	90	0.1	0.02	5.76	0.6	0	Satisfactory
6	2078/07/02	Madhyapur Thimi	Bode WTP	Treated	Clear/3	<5	6.9	300	60	52	0.3	1.5	9.6	0.2	0	Satisfactory
7	2078/07/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	6.7	58	12	14	0.1	0.02	5.76	0.5	0	Satisfactory
8	2078/07/02	Maharajgunj	Bansbari WTP	Treated	Clear/4.02	<5	6.8	38	10	10	0.1	0.02	5.76	0.6	0	Satisfactory
9	2078/07/03	Lalitpur	Saibu WTP	Treated	Clear/0.29	<5	7.8	331	96	92	0.1	0.02	5.76	0.4	0	Satisfactory
10	2078/07/03	Madhyapur Thimi	Bode WTP	Treated	Clear/2.4	<5	7.1	279	60	52	0.3	1.6	7.68	0.3	0	Satisfactory
11	2078/07/03	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	7.1	47	12	14	0.1	0.02	5.76	0.3	0	Satisfactory
12	2078/07/03	Maharajgunj	Bansbari WTP	Treated	Clear/4.13	<5	6.7	37	10	10	0.1	0.02	5.76	0.6	0	Satisfactory
13	2078/07/04	Lalitpur	Saibu WTP	Treated	Clear/0.28	<5	8.0	336	94	92	0.1	0.02	5.76	0.7	0	Satisfactory
14	2078/07/04	Madhyapur Thimi	Bode WTP	Treated	Clear/2.6	<5	7.1	282	60	50	0.3	1.3	5.76	0.2	0	Satisfactory
15	2078/07/04	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	7.2	195	16	32	0.3	0.02	7.68	0.3	0	Satisfactory
16	2078/07/04	Maharajgunj	Bansbari WTP	Treated	Clear/4.33	<5	6.7	37	10	10	0.1	0.02	7.68	0.6	0	Satisfactory
17	2078/07/05	Lalitpur	Saibu WTP	Treated	Clear/0.65	<5	7.7	339	98	118	0.1	0.02	5.76	0.7	0	Satisfactory
18	2078/07/05	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/2	<5	6.8	54	12	14	0.1	0.02	5.76	0.1	0	Satisfactory
19	2078/07/05	Maharajgunj	Bansbari WTP	Treated	Clear/3.1	<5	6.7	39	12	10	0.1	0.02	5.76	0.7	0	Satisfactory
20	2078/07/06	Maharajgunj	Bansbari WTP	Treated	Clear/3.36	<5	6.7	38	10	10	0.1	0.02	5.76	0.6	0	Satisfactory
21	2078/07/07	Lalitpur	Saibu WTP	Treated	Clear/0.96	<5	7.9	341	100	92	0.1	0.02	5.76	0.3	0	Satisfactory
22	2078/07/07	Madhyapur Thimi	Bode WTP	Treated	Clear/1.7	<5	6.8	262	60	54	0.3	1.8	9.6	0.1	0	Satisfactory
23	2078/07/07	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/3	<5	7.1	63	12	14	0.1	0.02	5.76	0.6	0	Satisfactory
24	2078/07/07	Maharajgunj	Bansbari WTP	Treated	Clear/4.07	<5	6.7	32	8	8	0.1	0.02	5.76	0.5	0	Satisfactory
25	2078/07/08	Lalitpur	Saibu WTP	Treated	Clear/0.81	<5	7.7	328	96	120	0.1	0.02	5.76	0.3	0	Satisfactory
26	2078/07/08	Madhyapur Thimi	Bode WTP	Treated	Clear/1.4	<5	6.7	260	60	50	0.3	1.6	7.68	0.4	0	Satisfactory
27	2078/07/08	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	7.1	54	12	14	0.1	0.02	5.76	0.1	0	Satisfactory
28	2078/07/08	Maharajgunj	Bansbari WTP	Treated	Clear/3.52	<5	6.7	38	10	10	0.1	0.02	5.76	0.5	0	Satisfactory
29	2078/07/09	Lalitpur	Saibu WTP	Treated	Clear/0.52	<5	7.8	326	96	118	0.1	0.02	5.76	0.6	0	Satisfactory
30	2078/07/09	Madhyapur Thimi	Bode WTP	Treated	Clear/1.2	<5	6.9	269	62	58	0.3	1.5	13.44	0.4	0	Satisfactory
31	2078/07/09	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	6.7	62	12	14	0.1	0.02	5.76	0.1	0	Satisfactory
32	2078/07/09	Maharajgunj	Bansbari WTP	Treated	Clear/3.06	<5	6.7	33	8	8	0.1	0.02	5.76	0.2	0	Satisfactory

33	2078/07/10	Madhyapur Thimi	Bode WTP	Treated	Clear/1.9	<5	6.8	300	70	66	0.3	1.8	9.6	0.2	0	Satisfactory
34	2078/07/10	Lalitpur	Saibu WTP	Treated	Clear/0.61	<5	7.8	346	102	90	0.1	0.02	5.76	0.4	0	Satisfactory
35	2078/07/10	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	6.8	65	12	14	0.1	0.02	5.76	0.1	0	Satisfactory
36	2078/07/10	Maharajgunj	Bansbari WTP	Treated	Clear/3.74	<5	6.7	33	8	8	0.1	0.02	5.76	0.5	0	Satisfactory
37	2078/07/11	Madhyapur Thimi	Bode WTP	Treated	Clear/1.2	<5	6.9	332	62	58	0.3	1.7	9.6	0.4	0	Satisfactory
38	2078/07/11	Lalitpur	Saibu WTP	Treated	Clear/0.22	<5	7.6	334	98	118	0.1	0.02	5.76	0.3	0	Satisfactory
39	2078/07/11	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.9	66	12	14	0.1	0.02	5.76	0.2	0	Satisfactory
40	2078/07/11	Maharajgunj	Bansbari WTP	Treated	Clear/4.07	<5	6.8	38	10	10	0.1	0.02	5.76	0.7	0	Satisfactory
41	2078/07/12	Madhyapur Thimi	Bode WTP	Treated	Clear/1.6	<5	6.9	305	60	66	0.3	1.6	13.44	0.3	0	Satisfactory
42	2078/07/12	Lalitpur	Saibu WTP	Treated	Clear/0.43	<5	7.6	326	96	90	0.1	0.02	5.76	0.4	0	Satisfactory
43	2078/07/12	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	6.9	77	12	14	0.1	0.02	5.76	0.8	0	Satisfactory
44	2078/07/12	Maharajgunj	Bansbari WTP	Treated	Clear/3.86	<5	6.8	38	10	10	0.1	0.02	5.76	0.6	0	Satisfactory
45	2078/07/13	Maharajgunj	Bansbari WTP	Treated	Clear/3.34	<5	6.8	38	10	10	0.1	0.02	5.76	0.6	0	Satisfactory
46	2078/07/14	Lalitpur	Saibu WTP	Treated	Clear/0.18	<5	7.7	326	94	90	0.1	0.02	5.76	0.5	0	Satisfactory
47	2078/07/14	Madhyapur Thimi	Bode WTP	Treated	Clear/0.18	<5	6.7	300	62	58	0.3	1.4	11.52	0.3	0	Satisfactory
48	2078/07/14	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	7.2	69	12	14	0.1	0.02	5.76	0.6	0	Satisfactory
49	2078/07/14	Maharajgunj	Bansbari WTP	Treated	Clear/3.11	<5	6.8	36	10	10	0.1	0.02	5.76	0.5	0	Satisfactory
50	2078/07/15	Lalitpur	Saibu WTP	Treated	Clear/0.26	<5	7.6	320	94	90	0.1	0.02	5.76	0.5	0	Satisfactory
51	2078/07/15	Madhyapur Thimi	Bode WTP	Treated	Clear/1.7	<5	6.9	303	72	58	0.3	1.6	9.6	0.2	0	Satisfactory
52	2078/07/15	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	7.7	83	12	14	0.1	0.02	5.76	1.2	0	Satisfactory
53	2078/07/15	Maharajgunj	Bansbari WTP	Treated	Clear/3.42	<5	6.8	38	10	10	0.1	0.02	5.76	0.7	0	Satisfactory
54	2078/07/16	Lalitpur	Saibu WTP	Treated	Clear/0.45	<5	7.5	336	96	88	0.1	0.02	5.76	0.5	0	Satisfactory
55	2078/07/16	Madhyapur Thimi	Bode WTP	Treated	Clear/1.9	<5	7.1	308	68	58	0.3	1.6	9.6	0.1	0	Satisfactory
56	2078/07/16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7.1	<5	7.3	80	14	12	0.1	0.02	5.76	0.2	0	Satisfactory
57	2078/07/16	Maharajgunj	Bansbari WTP	Treated	Clear/4.13	<5	6.8	37	10	10	0.1	0.02	5.76	0.5	0	Satisfactory
58	2078/07/17	Lalitpur	Saibu WTP	Treated	Clear/0.28	<5	7.8	339	98	90	0.1	0.02	5.76	0.6	0	Satisfactory
59	2078/07/17	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9.4	<5	7.9	61	12	14	0.1	0.02	5.76	0.2	0	Satisfactory
60	2078/07/17	Maharajgunj	Bansbari WTP	Treated	Clear/3.67	<5	6.8	34	8	8	0.1	0.02	5.76	0.5	0	Satisfactory
61	2078/07/18	Maharajgunj	Bansbari WTP	Treated	Clear/3.72	<5	6.8	35	8	8	0.1	0.02	7.68	0.6	0	Satisfactory
62	2078/07/19	Maharajgunj	Bansbari WTP	Treated	Clear/4.3	<5	6.8	37	10	10	0.1	0.02	7.68	0.6	0	Satisfactory
63	2078/07/20	Maharajgunj	Bansbari WTP	Treated	Clear/3.1	<5	6.7	37	10	10	0.1	0.02	5.76	0.5	0	Satisfactory
64	2078/07/21	Maharajgunj	Bansbari WTP	Treated	Clear/3.32	<5	6.8	45	12	10	0.1	0.02	7.68	0.6	0	Satisfactory
65	2078/07/22	Madhyapur Thimi	Bode WTP	Treated	Clear/2.1	<5	6.9	300	72	68	0.3	1.3	11.52	0.2	0	Satisfactory
66	2078/07/22	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/3.9	<5	6.9	58	12	14	0.1	0.02	5.76	0.1	0	Satisfactory
67	2078/07/22	Maharajgunj	Bansbari WTP	Treated	Clear/2.21	<5	6.8	43	12	10	0.1	0.02	5.76	0.7	0	Satisfactory
68	2078/07/23	Madhyapur Thimi	Bode WTP	Treated	Clear/1.3	<5	6.9	314	72	64	0.3	1.4	13.44	0.4	0	Satisfactory
69	2078/07/23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/5.3	<5	7.5	59	12	14	0.1	0.02	5.76	0.2	0	Satisfactory
70	2078/07/23	Maharajgunj	Bansbari WTP	Treated	Clear/2.14	<5	6.9	36	10	10	0.1	0.02	5.76	0.5	0	Satisfactory
71	2078/07/24	Maharajgunj	Bansbari WTP	Treated	Clear/2.03	<5	6.9	40	10	10	0.1	0.02	5.76	0.6	0	Satisfactory
72	2078/07/25	Lalitpur	Saibu WTP	Treated	Clear/0.31	<5	7.5	328	96	88	0.1	0.02	5.76	0.6	0	Satisfactory
73	2078/07/25	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/4.8	<5	6.9	64	12	14	0.1	0.02	5.76	0.2	0	Satisfactory
74	2078/07/25	Maharajgunj	Bansbari WTP	Treated	Clear/1.67	<5	7.0	39	10	10	0.1	0.02	5.76	0.6	0	Satisfactory

75	2078/07/26	Lalitpur	Saibu WTP	Treated	Clear/0.26	<5	7.5	328	96	92	0.1	0.02	5.76	0.4	0	Satisfactory
76	2078/07/26	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8.9	<5	7.1	64	12	14	0.1	0.02	5.76	0.1	0	Satisfactory
77	2078/07/26	Maharajgunj	Bansbari WTP	Treated	Clear/2.42	<5	6.8	39	10	10	0.1	0.02	5.76	0.6	0	Satisfactory
78	2078/07/27	Madhyapur Thimi	Bode WTP	Treated	Clear/1.7	<5	6.8	274	60	56	0.3	1.6	9.6	0.2	0	Satisfactory
79	2078/07/27	Maharajgunj	Bansbari WTP	Treated	Clear/2.63	<5	6.9	40	10	10	0.1	0.02	5.76	0.6	0	Satisfactory
80	2078/07/28	Lalitpur	Saibu WTP	Treated	Clear/0.49	<5	7.8	330	96	90	0.1	0.02	5.76	0.7	0	Satisfactory
81	2078/07/28	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/3.9	<5	6.9	68	12	14	0.1	0.02	5.76	0.1	0	Satisfactory
82	2078/07/28	Maharajgunj	Bansbari WTP	Treated	Clear/2.14	<5	6.9	38	10	10	0.1	0.02	5.76	0.5	0	Satisfactory
83	2078/07/29	Lalitpur	Saibu WTP	Treated	Clear/0.31	<5	7.7	334	96	88	0.1	0.02	5.76	0.6	0	Satisfactory
84	2078/07/29	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	7.4	90	12	14	0.2	0.02	3.84	0.2	0	Satisfactory
85	2078/07/29	Maharajgunj	Bansbari WTP	Treated	Clear/2.92	<5	6.9	40	12	10	0.1	0.02	5.76	0.7	0	Satisfactory
86	2078/07/30	Lalitpur	Saibu WTP	Treated	Clear/0.22	<5	7.7	336	96	92	0.1	0.02	5.76	0.6	0	Satisfactory
87	2078/07/30	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	2078/07/30	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	7.4	80	12	14	0.2	0.02	13.44	0.3	0	Satisfactory
89	2078/07/30	Maharajgunj	Bansbari WTP	Treated	Clear/2.77	<5	6.9	38	10	10	0.1	0.02	5.76	0.5	0	Satisfactory