

KATHMANDU UPATYAKA KHANEPANI LIMITED
Water / Waste Water Quality Assurance Division , Mahankalchaur
Laboratory Record Of Chemical & Bacteriological Analysis Of Water
Ashwin 2077

S.No.	Date	Branch	Location	Sample taken	Turbidity	Colour	pH	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	2077/06/01	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.6	67	24	16	0.1	0.02	9.6	0.8	0	Satisfactory
2	2077/06/01	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	295	60	50	0.3	1.6	9.6	0.1	0	Satisfactory
3	2077/06/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	51	16	14	0.1	0.02	5.76	0.2	0	Satisfactory
4	2077/06/02	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	295	58	52	0.3	1.6	11.52	0.1	0	Satisfactory
5	2077/06/02	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	8.0	339	98	118	0.1	0.02	5.76	0.5	0	Satisfactory
6	2077/06/02	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	34	12	12	0.1	0.02	5.76	0.7	0	Satisfactory
7	2077/06/03	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	42	14	12	0.1	0.02	7.68	0.7	0	Satisfactory
8	2077/06/04	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	51	16	14	0.1	0.02	5.76	0.3	0	Satisfactory
9	2077/06/04	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	303	56	50	0.3	1.6	5.76	0.1	0	Satisfactory
10	2077/06/04	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	38	14	14	0.1	0.02	3.84	0.7	0	Satisfactory
11	2077/06/05	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	45	16	12	0.1	0.02	5.76	0.4	0	Satisfactory
12	2077/06/05	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	326	62	56	0.3	1.6	21.12	0.6	0	Satisfactory
13	2077/06/05	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	8.1	342	100	120	0.1	0.02	5.76	0.7	0	Satisfactory
14	2077/06/05	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	32	10	10	0.1	0.02	3.84	0.6	0	Satisfactory
15	2077/06/06	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	67	18	14	0.1	0.02	5.76	0.6	0	Satisfactory
16	2077/06/06	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	302	58	50	0.3	1.6	9.6	0.1	0	Satisfactory
17	2077/06/06	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	8.0	347	100	122	0.1	0.02	5.76	0.8	0	Satisfactory
18	2077/06/06	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	39	14	14	0.1	0.02	5.76	0.7	0	Satisfactory
19	2077/06/07	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	64	18	16	0.1	0.02	9.6	0.8	0	Satisfactory
20	2077/06/07	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	330	62	54	0.3	1.6	13.44	0.3	0	Satisfactory
21	2077/06/07	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	8.1	354	102	124	0.1	0.02	7.68	0.5	0	Satisfactory
22	2077/06/07	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	37	12	14	0.1	0.02	5.76	0.8	0	Satisfactory
23	2077/06/08	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/6	<5	7.1	51	14	12	0.2	0.02	9.6	0.8	0	Satisfactory
24	2077/06/08	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	290	56	46	0.3	1.6	9.6	0.1	0	Satisfactory
25	2077/06/08	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.8	354	102	122	0.1	0.02	7.68	0.6	0	Satisfactory
26	2077/06/08	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	38	14	14	0.1	0.02	5.76	0.8	0	Satisfactory
27	2077/06/09	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.6	56	18	12	0.1	0.02	5.76	0.5	0	Satisfactory
28	2077/06/09	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	317	60	52	0.3	1.5	9.6	0.2	0	Satisfactory
29	2077/06/09	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	8.0	329	96	116	0.1	0.02	5.76	0.4	0	Satisfactory
30	2077/06/09	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	35	10	12	0.1	0.02	5.76	0.8	0	Satisfactory

31	2077/06/10	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	32	10	10	0.1	0.02	3.84	0.8	0	Satisfactory
32	2077/06/11	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	49	14	16	0.2	0.02	5.76	0.3	0	Satisfactory
33	2077/06/11	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	258	62	52	0.3	1.6	11.52	0.3	0	Satisfactory
34	2077/06/11	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	37	14	10	0.1	0.02	5.76	0.7	0	Satisfactory
35	2077/06/12	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	54	16	14	0.1	0.02	7.68	0.8	0	Satisfactory
36	2077/06/12	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	242	60	48	0.3	1.6	7.68	0.1	0	Satisfactory
37	2077/06/12	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	8.1	336	98	118	0.1	0.02	5.76	0.5	0	Satisfactory
38	2077/06/12	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	32	10	10	0.1	0.02	5.76	0.7	0	Satisfactory
39	2077/06/13	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	39	12	10	0.1	0.02	5.76	0.2	0	Satisfactory
40	2077/06/13	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	8.2	344	100	120	0.1	0.02	5.76	0.8	0	Satisfactory
41	2077/06/13	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	33	10	10	0.1	0.02	5.76	0.5	0	Satisfactory
42	2077/06/14	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	42	14	12	0.1	0.02	9.6	0.8	0	Satisfactory
43	2077/06/14	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	253	60	50	0.3	1.6	7.68	0.1	0	Satisfactory
44	2077/06/14	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	8.5	348	102	122	0.1	0.02	5.76	0.8	0	Satisfactory
45	2077/06/14	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	36	12	12	0.1	5.76	0.8	0.1	0	Satisfactory
46	2077/06/15	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	39	14	12	0.1	0.02	5.76	0.2	0	Satisfactory
47	2077/06/15	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	270	64	60	0.3	1.6	11.52	0.4	0	Satisfactory
48	2077/06/15	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	8.2	354	102	124	0.1	0.02	7.68	0.4	0	Satisfactory
49	2077/06/15	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	35	12	12	0.1	0.02	5.76	0.7	0	Satisfactory
50	2077/06/16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	41	14	10	0.1	0.02	5.76	0.8	0	Satisfactory
51	2077/06/16	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	280	66	64	0.3	1.6	19.2	0.6	0	Satisfactory
52	2077/06/16	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	8.3	336	98	120	0.1	0.02	5.76	0.6	0	Satisfactory
53	2077/06/16	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	38	12	14	0.1	0.02	5.76	0.7	0	Satisfactory
54	2077/06/17	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	37	14	14	0.1	0.02	5.76	0.7	0	Satisfactory
55	2077/06/18	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	7.1	40	12	10	0.1	0.02	5.76	0.6	0	Satisfactory
56	2077/06/18	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	241	58	48	0.3	1.7	7.68	0.1	0	Satisfactory
57	2077/06/18	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	8.2	356	102	124	0.1	0.02	7.68	0.8	0	Satisfactory
58	2077/06/18	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	38	14	14	0.1	0.02	5.76	0.7	0	Satisfactory
59	2077/06/19	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	37	12	10	0.1	0.02	5.76	0.8	0	Satisfactory
60	2077/06/19	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.2	259	66	64	0.3	1.7	11.52	0.3	0	Satisfactory
61	2077/06/19	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	37	16	12	0.1	0.02	5.76	0.6	0	Satisfactory
62	2077/06/20	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	39	14	12	0.1	0.02	5.76	0.2	0	Satisfactory
63	2077/06/20	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	248	58	52	0.3	1.7	7.68	0.1	0	Satisfactory
64	2077/06/20	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.7	35	12	14	0.1	0.02	5.76	0.7	0	Satisfactory
65	2077/06/21	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.8	54	16	12	0.1	0.02	7.68	0.8	0	Satisfactory
66	2077/06/21	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	242	58	50	0.3	1.7	7.68	0.1	0	Satisfactory
67	2077/06/21	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.7	36	12	14	0.1	0.02	5.76	0.6	0	Satisfactory
68	2077/06/22	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.6	52	18	16	0.1	0.02	7.68	0.8	0	Satisfactory
69	2077/06/22	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	242	58	50	0.3	1.6	7.68	0.1	0	Satisfactory
70	2077/06/22	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	38	12	14	0.1	0.02	5.76	0.5	0	Satisfactory

71	2077/06/23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	53	18	16	0.1	0.02	5.76	0.1	0	Satisfactory
72	2077/06/23	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	246	60	48	0.3	1.6	7.68	0.1	0	Satisfactory
73	2077/06/23	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	39	10	12	0.1	0.02	3.84	0.6	0	Satisfactory
74	2077/06/24	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	40	14	12	0.1	0.02	5.76	0.1	0	Satisfactory
75	2077/06/25	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	47	14	12	0.1	0.02	5.76	0.5	0	Satisfactory
76	2077/06/25	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	247	60	50	0.3	1.6	9.6	0.1	0	Satisfactory
77	2077/06/25	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	44	14	12	0.1	0.02	5.76	0.8	0	Satisfactory
78	2077/06/26	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	51	20	18	0.1	0.02	5.76	0.3	0	Satisfactory
79	2077/06/26	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	241	58	50	0.3	1.6	7.68	0.1	0	Satisfactory
80	2077/06/26	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	40	14	12	0.1	0.02	5.76	0.8	0	Satisfactory
81	2077/06/27	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.8	47	18	16	0.1	0.02	5.76	0.2	0	Satisfactory
82	2077/06/27	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	297	62	62	0.3	1.6	13.44	0.8	0	Satisfactory
83	2077/06/27	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	52	16	14	0.1	0.02	5.76	0.6	0	Satisfactory
84	2077/06/28	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	44	18	16	0.1	0.02	5.76	0.5	0	Satisfactory
85	2077/06/28	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	284	60	62	0.3	1.6	11.52	0.3	0	Satisfactory
86	2077/06/28	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	42	14	12	0.1	0.02	5.76	0.5	0	Satisfactory
87	2077/06/29	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.6	50	18	14	0.1	0.02	5.76	0.4	0	Satisfactory
88	2077/06/29	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	276	60	62	0.3	1.6	11.52	0.1	0	Satisfactory
89	2077/06/29	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	39	14	12	0.1	0.02	5.76	0.7	0	Satisfactory
90	2077/06/30	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	42	18	14	0.1	0.02	5.76	0.4	0	Satisfactory
91	2077/06/30	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	268	58	60	0.3	1.6	7.68	0.1	0	Satisfactory
92	2077/06/30	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	35	12	10	0.1	0.02	5.76	0.6	0	Satisfactory