

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

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	2077/05/01	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	49	16	12	0.1	0.02	5.76	0.4	0	Satisfactory
2	2077/05/01	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	353	100	122	0.1	0.02	5.76	0.6	0	Satisfactory
3	2077/05/01	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	33	10	8	0.1	0.02	3.84	0.6	0	Satisfactory
4	2077/05/02	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	291	66	52	0.3	1.4	11.52	0.1	0	Satisfactory
5	2077/05/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	57	18	20	0.1	0.02	5.76	0.6	0	Satisfactory
6	2077/05/02	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	357	100	124	0.1	0.02	7.68	0.8	0	Satisfactory
7	2077/05/02	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	33	10	8	0.1	0.02	5.76	0.6	0	Satisfactory
8	2077/05/03	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	310	68	54	0.3	1.4	19.2	0.3	0	Satisfactory
9	2077/05/03	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	58	18	16	0.1	0.02	5.76	0.6	0	Satisfactory
10	2077/05/03	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	35	12	10	0.1	0.02	5.76	0.3	0	Satisfactory
11	2077/05/04	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	311	50	48	0.3	1.9	5.68	0.2	0	Satisfactory
12	2077/05/04	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	59	16	14	0.1	0.02	5.76	0.1	0	Satisfactory
13	2077/05/04	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	38	12	10	0.1	0.02	5.76	0.7	0	Satisfactory
14	2077/05/05	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	310	50	48	0.3	1.9	5.68	0.3	0	Satisfactory
15	2077/05/05	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	57	14	12	0.1	0.02	5.76	0.2	0	Satisfactory
16	2077/05/05	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	350	100	120	0.1	0.02	7.68	0.8	0	Satisfactory
17	2077/05/05	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	30	10	8	0.1	0.02	5.76	0.7	0	Satisfactory
18	2077/05/05	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	34	12	10	0.1	0.02	5.76	0.7	0	Satisfactory
19	2077/05/06	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	33	12	10	0.1	0.02	3.84	0.7	0	Satisfactory
20	2077/05/07	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	309	60	58	0.3	1.6	17.28	0.7	0	Satisfactory
21	2077/05/07	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	45	16	14	0.1	0.02	5.76	0.6	0	Satisfactory
22	2077/05/07	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	35	12	10	0.1	0.02	5.76	0.8	0	Satisfactory
23	2077/05/08	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	323	64	66	0.3	1.6	13.44	0.8	0	Satisfactory
24	2077/05/08	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	7.6	47	12	10	0.1	0.02	5.76	0.6	0	Satisfactory
25	2077/05/08	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	34	10	8	0.1	0.02	5.76	0.7	0	Satisfactory
26	2077/05/09	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	300	60	54	0.3	1.6	19.2	0.2	0	Satisfactory
27	2077/05/09	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	54	16	14	0.1	0.02	5.76	0.1	0	Satisfactory
28	2077/05/09	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.9	349	100	120	0.1	0.02	5.76	0.7	0	Satisfactory
29	2077/05/10	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	322	62	48	0.3	1.6	17.28	0.7	0	Satisfactory
30	2077/05/10	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	59	18	14	0.1	0.02	5.76	0.1	0	Satisfactory

31	2077/05/10	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.8	321	98	116	0.1	0.02	5.76	0.8	0	Satisfactory
32	2077/05/10	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	32	10	8	0.1	0.02	5.76	0.7	0	Satisfactory
33	2077/05/11	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	333	66	64	0.3	1.6	21.12	0.8	0	Satisfactory
34	2077/05/11	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	52	12	14	0.1	0.02	5.76	0.8	0	Satisfactory
35	2077/05/11	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	348	100	120	0.1	0.02	5.76	0.5	0	Satisfactory
36	2077/05/11	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	39	12	10	0.1	0.02	7.68	0.7	0	Satisfactory
37	2077/05/12	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	317	60	58	0.3	1.6	11.52	0.2	0	Satisfactory
38	2077/05/12	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.9	47	10	14	0.1	0.02	5.76	0.3	0	Satisfactory
39	2077/05/12	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.9	351	100	120	0.1	0.02	7.68	0.7	0	Satisfactory
40	2077/05/12	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	33	10	8	0.1	0.02	5.76	0.7	0	Satisfactory
41	2077/05/13	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	33	10	8	0.1	0.02	5.76	0.7	0	Satisfactory
42	2077/05/14	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	306	58	56	0.3	1.6	21.12	0.8	0	Satisfactory
43	2077/05/14	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.8	51	14	12	0.1	0.02	5.76	0.2	0	Satisfactory
44	2077/05/14	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	34	12	10	0.1	0.02	3.84	0.7	0	Satisfactory
45	2077/05/15	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	322	60	58	0.3	1.6	19.2	0.8	0	Satisfactory
46	2077/05/15	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	57	14	16	0.1	0.02	5.76	0.1	0	Satisfactory
47	2077/05/15	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	37	12	10	0.1	0.02	5.76	0.8	0	Satisfactory
48	2077/05/16	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	32	10	8	0.1	0.02	3.84	0.6	0	Satisfactory
49	2077/05/17	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	306	60	58	0.3	1.6	17.28	0.7	0	Satisfactory
50	2077/05/17	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	8.0	59	16	14	0.1	0.02	5.76	0.1	0	Satisfactory
51	2077/05/17	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.9	349	100	120	0.1	0.02	5.76	0.3	0	Satisfactory
52	2077/05/17	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	33	10	8	0.1	0.02	5.76	0.8	0	Satisfactory
53	2077/05/18	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	349	62	66	0.3	1.6	28.8	0.8	0	Satisfactory
54	2077/05/18	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	55	18	12	0.1	0.02	5.76	0.5	0	Satisfactory
55	2077/05/18	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	32	10	8	0.1	0.02	3.84	0.7	0	Satisfactory
56	2077/05/19	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	335	62	64	0.3	1.6	15.36	0.4	0	Satisfactory
57	2077/05/19	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	53	14	12	0.1	0.02	5.76	0.5	0	Satisfactory
58	2077/05/19	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	38	12	10	0.1	0.02	5.76	0.7	0	Satisfactory
59	2077/05/20	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	33	10	10	0.1	0.02	5.76	0.7	0	Satisfactory
60	2077/05/21	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	338	64	62	0.3	1.5	28.8	0.8	0	Satisfactory
61	2077/05/21	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	52	18	12	0.1	0.02	5.76	0.5	0	Satisfactory
62	2077/05/21	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	345	100	120	0.1	0.02	5.76	0.6	0	Satisfactory
63	2077/05/21	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	35	10	8	0.1	0.02	5.76	0.7	0	Satisfactory
64	2077/05/22	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	321	62	56	0.3	1.6	9.6	0.5	0	Satisfactory
65	2077/05/22	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	47	14	10	0.1	0.02	5.76	0.6	0	Satisfactory
66	2077/05/22	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	34	10	8	0.1	0.02	3.84	0.6	0	Satisfactory
67	2077/05/23	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	308	60	54	0.3	1.6	11.52	0.2	0	Satisfactory
68	2077/05/23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.9	55	18	16	0.1	0.02	5.76	0.4	0	Satisfactory
69	2077/05/23	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.9	323	96	116	0.1	0.02	5.76	0.7	0	Satisfactory
70	2077/05/23	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	38	14	10	0.1	0.02	3.84	0.7	0	Satisfactory
71	2077/05/23	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	34	12	10	0.1	0.02	3.84	0.7	0	Satisfactory

72	2077/05/24	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	335	64	64	0.3	1.6	23.04	0.8	0	Satisfactory
73	2077/05/24	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.8	51	16	12	0.1	0.02	5.76	0.4	0	Satisfactory
74	2077/05/24	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	39	14	10	0.1	0.02	3.84	0.7	0	Satisfactory
75	2077/05/25	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	323	60	62	0.3	1.4	15.36	0.6	0	Satisfactory
76	2077/05/25	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	48	16	12	0.1	0.02	5.76	0.6	0	Satisfactory
77	2077/05/25	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	351	100	122	0.1	0.02	7.68	0.7	0	Satisfactory
78	2077/05/25	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	41	14	12	0.1	0.02	7.68	0.8	0	Satisfactory
79	2077/05/26	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	324	62	60	0.3	1.5	9.6	0.2	0	Satisfactory
80	2077/05/26	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.8	53	16	12	0.1	0.02	5.76	0.7	0	Satisfactory
81	2077/05/26	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	328	94	118	0.1	0.02	5.76	0.6	0	Satisfactory
82	2077/05/26	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	35	14	12	0.1	0.02	5.76	0.8	0	Satisfactory
83	2077/05/27	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	38	14	12	0.1	0.02	5.76	0.7	0	Satisfactory
84	2077/05/28	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	316	64	54	0.3	1.5	21.12	0.8	0	Satisfactory
85	2077/05/28	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	7.4	55	16	14	0.1	0.02	5.76	0.3	0	Satisfactory
86	2077/05/28	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	355	102	122	0.1	0.02	7.68	0.7	0	Satisfactory
87	2077/05/28	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	37	12	10	0.1	0.02	5.76	0.8	0	Satisfactory
88	2077/05/29	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	293	60	48	0.3	1.5	7.68	0.1	0	Satisfactory
89	2077/05/29	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	55	14	12	0.1	0.02	5.76	0.2	0	Satisfactory
90	2077/05/29	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	345	100	120	0.1	0.02	5.76	0.7	0	Satisfactory
91	2077/05/29	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	41	14	12	0.1	0.02	5.76	0.8	0	Satisfactory
92	2077/05/30	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.6	53	16	14	0.1	0.02	5.76	0.7	0	Satisfactory
93	2077/05/30	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	353	100	122	0.1	0.02	7.68	0.7	0	Satisfactory
94	2077/05/30	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	46	14	16	0.1	0.02	7.68	0.8	0	Satisfactory
95	2077/05/31	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	331	66	64	0.3	1.5	28.8	0.8	0	Satisfactory
96	2077/05/31	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	47	16	14	0.1	0.02	5.76	0.1	0	Satisfactory