

KATHMANDU UPATYAKA KHANEPANI LIMITED
Water / Waste Water Quality Assurance Division , Mahankalchaur
Laboratory Record Of Chemical & Bacteriological Analysis Of Water
Ashwin 2076

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	2076/06/01	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	40	16	12	0.1	0.02	5.76	0.5	0	Satisfactory
2	2076/06/01	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.1	350	110	140	0.1	0.02	13.44	0.7	0	Satisfactory
3	2076/06/01	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	302	106	74	0.3	1.9	13.44	0.3	0	Satisfactory
4	2076/06/01	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	6.9	32	12	10	0.3	0.02	3.84	0.3	0	Satisfactory
5	2076/06/02	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	39	14	12	0.1	0.02	5.76	0.5	0	Satisfactory
6	2076/06/02	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.3	344	110	140	0.1	0.02	11.52	0.4	0	Satisfactory
7	2076/06/02	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	300	102	70	0.3	1.8	9.6	0.3	0	Satisfactory
8	2076/06/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.0	31	14	12	0.3	0.02	3.84	0.2	0	Satisfactory
9	2076/06/03	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	37	14	10	0.1	0.02	3.84	0.6	0	Satisfactory
10	2076/06/04	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	41	16	12	0.1	0.02	3.84	0.6	0	Satisfactory
11	2076/06/04	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.1	349	108	140	0.1	0.02	11.52	0.5	0	Satisfactory
12	2076/06/05	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	42	14	12	0.1	0.02	5.76	0.6	0	Satisfactory
13	2076/06/05	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.3	358	110	140	0.1	0.0	11.52	0.7	0	Satisfactory
14	2076/06/05	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	258	96	50	0.3	1.4	17.28	0.4	0	Satisfactory
15	2076/06/05	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.8	33	14	12	0.2	0.02	5.76	0.4	0	Satisfactory
16	2076/06/06	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	43	16	12	0.1	0.02	5.76	0.6	0	Satisfactory
17	2076/06/06	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.2	390	120	146	0.1	0.02	11.52	0.5	0	Satisfactory
18	2076/06/06	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	278	108	88	0.3	1.6	11.52	0.2	0	Satisfactory
19	2076/06/06	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.0	37	14	12	0.3	0.02	5.76	0.5	0	Satisfactory
20	2076/06/07	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	37	14	10	0.1	0.02	5.76	0.6	0	Satisfactory
21	2076/06/07	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.2	345	108	138	0.1	0.02	9.6	0.6	0	Satisfactory
22	2076/06/07	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	242	98	50	0.3	1.5	11.52	0.2	0	Satisfactory
23	2076/06/07	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	41	18	12	0.1	0.02	3.84	0.3	0	Satisfactory
24	2076/06/08	Maharajgunj	Bansbari WTP	Treated	Clear/7	<5	7.1	40	14	10	0.1	0.02	5.76	0.6	0	Satisfactory
25	2076/06/08	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.3	356	116	136	0.1	0.02	7.68	0.6	0	Satisfactory
26	2076/06/08	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	299	112	58	0.2	1.6	12.52	0.2	0	Satisfactory
27	2076/06/08	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	7.2	43	16	14	0.3	0.02	5.76	0.4	0	Satisfactory
28	2076/06/09	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	39	12	10	0.1	0.02	5.76	0.6	0	Satisfactory

29	2076/06/09	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.5	370	116	140	0.1	0.02	11.52	0.7	0	Satisfactory
30	2076/06/09	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7	245	92	48	0.2	1.5	11.52	0.6	0	Satisfactory
31	2076/06/09	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	37	14	12	0.3	0.02	5.76	0.4	0	Satisfactory
32	2076/06/10	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	34	10	10	0.1	0.02	5.76	0.7	0	Satisfactory
33	2076/06/10	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	6.7	376	116	140	0.1	0.02	11.52	0.4	0	Satisfactory
34	2076/06/10	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	267	120	86	0.3	1.5	9.6	0.8	0	Satisfactory
35	2076/06/10	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.6	40	14	12	0.2	0.02	5.76	0.4	0	Satisfactory
36	2076/06/11	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	39	12	10	0.1	0.02	5.76	0.5	0	Satisfactory
37	2076/06/12	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	38	12	10	0.1	0.02	5.76	0.5	0	Satisfactory
38	2076/06/12	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.1	388	120	144	0.1	0.02	11.52	0.6	0	Satisfactory
39	2076/06/12	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7	267	106	84	0.3	1.5	11.52	0.1	0	Satisfactory
40	2076/06/12	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	35	8	10	0.1	0.02	5.76	0.2	0	Satisfactory
41	2076/06/13	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	33	12	10	0.1	0.02	3.84	0.6	0	Satisfactory
42	2076/06/13	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.1	349	110	138	0.1	0.02	11.52	0.8	0	Satisfactory
43	2076/06/13	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	340	120	92	0.3	1.6	11.52	0.2	0	Satisfactory
44	2076/06/13	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/6	<5	7.1	36	12	8	0.2	0.02	5.76	0.4	0	Satisfactory
45	2076/06/14	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	38	14	10	0.1	0.02	5.76	0.6	0	Satisfactory
46	2076/06/14	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.6	340	110	140	0.1	0.02	9.6	0.5	0	Satisfactory
47	2076/06/14	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	296	110	58	0.2	1.3	11.52	0.2	0	Satisfactory
48	2076/06/14	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.9	56	20	20	0.2	0.02	7.68	0.7	0	Satisfactory
49	2076/06/15	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	38	14	10	0.1	0.02	5.76	0.6	0	Satisfactory
50	2076/06/15	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.1	343	110	132	0.1	0.02	9.6	0.8	0	Satisfactory
51	2076/06/15	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7	319	104	52	0.3	1.9	9.6	0.2	0	Satisfactory
52	2076/06/15	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	7.1	33	12	10	0.3	0.02	5.76	0.2	0	Satisfactory
53	2076/06/16	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.3	351	116	134	0.1	0.02	7.68	0.7	0	Satisfactory
54	2076/06/16	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	34	12	10	0.1	0.02	5.76	0.6	0	Satisfactory
55	2076/06/16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	39	12	10	0.3	0.02	5.76	0.2	0	Satisfactory
56	2076/06/17	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.2	356	106	132	0.1	0.02	7.68	0.5	0	Satisfactory
57	2076/06/17	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	43	14	12	0.1	0.02	5.76	0.6	0	Satisfactory
58	2076/06/17	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	7.4	40	14	14	0.1	0.02	5.76	0.2	0	Satisfactory
59	2076/06/18	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	40	14	10	0.1	0.02	5.76	0.6	0	Satisfactory
60	2076/06/19	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	33	12	10	0.1	0.02	3.84	0.5	0	Satisfactory
61	2076/06/20	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	31	10	8	0.1	0.02	3.84	0.6	0	Satisfactory
62	2076/06/21	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	34	12	10	0.1	0.02	5.76	0.5	0	Satisfactory
63	2076/06/22	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	36	12	10	0.1	0.02	5.76	0.6	0	Satisfactory
64	2076/06/23	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	39	14	10	0.1	0.02	5.76	0.6	0	Satisfactory
65	2076/06/23	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.2	320	114	134	0.1	0.02	7.68	0.6	0	Satisfactory
66	2076/06/23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.9	37	12	10	0.1	0.02	3.84	0.6	0	Satisfactory

67	2076/06/24	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	37	12	10	0.1	0.02	5.76	0.6	0	Satisfactory
68	2076/06/24	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.2	390	120	148	0.1	0.02	7.68	0.7	0	Satisfactory
69	2076/06/24	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.9	30	12	10	0.2	0.02	1.92	0.2	0	Satisfactory
70	2076/06/25	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	47	14	12	0.1	0.02	5.76	0.5	0	Satisfactory
71	2076/06/26	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	31	10	10	0.1	0.02	3.84	0.5	0	Satisfactory
72	2076/06/27	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	32	10	10	0.1	0.02	3.84	0.6	0	Satisfactory
73	2076/06/27	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.3	350	114	132	0.1	0.02	7.68	0.4	0	Satisfactory
74	2076/06/27	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	32	12	8	0.1	0.02	3.84	0.3	0	Satisfactory
75	2076/06/28	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	35	12	10	0.1	0.02	5.76	0.6	0	Satisfactory
76	2076/06/28	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.1	371	120	136	0.1	0.02	7.68	0.6	0	Satisfactory
77	2076/06/28	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	261	110	70	0.3	1.9	15.36	0.2	0	Satisfactory
78	2076/06/28	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	38	14	10	0.1	0.02	5.76	0.4	0	Satisfactory
79	2076/06/29	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	35	12	10	0.1	0.02	5.76	0.6	0	Satisfactory
80	2076/06/29	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.5	361	116	138	0.1	0.02	7.68	0.7	0	Satisfactory
81	2076/06/29	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	39	14	10	0.1	0.02	5.76	0.4	0	Satisfactory
82	2076/06/30	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	35	14	10	0.1	0.02	3.84	0.5	0	Satisfactory
83	2076/06/30	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.2	389	120	146	0.1	0.02	7.68	0.5	0	Satisfactory
84	2076/06/30	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	310	140	80	0.3	1.9	17.28	0.2	0	Satisfactory
85	2076/06/30	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	7.3	33	12	10	0.2	0.02	3.84	0.2	0	Satisfactory