

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

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
					(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	2076/09/01	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/5	<5	7.6	39	10	14	0.1	0.02	5.76	0.2	0	Satisfactory
2	2076/09/01	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.2	267	104	52	0.3	1.8	13.44	0.2	0	Satisfactory
3	2076/09/01	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.2	310	106	130	0.1	0.02	7.68	0.8	0	Satisfactory
4	2076/09/01	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	46	16	14	0.1	0.02	5.76	0.5	0	Satisfactory
5	2076/09/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/5	<5	7.1	41	8	12	0.1	0.02	5.76	0.8	0	Satisfactory
6	2076/09/02	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	275	116	58	0.3	1.8	11.52	0.2	0	Satisfactory
7	2076/09/02	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	305	100	120	0.1	0.02	7.68	0.2	0	Satisfactory
8	2076/09/02	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	51	16	14	0.1	0.02	5.76	0.5	0	Satisfactory
9	2076/09/03	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/6	<5	7.5	37	12	10	0.1	0.02	5.76	0.2	0	Satisfactory
10	2076/09/03	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.2	281	112	58	0.3	1.7	19.2	0.8	0	Satisfactory
11	2076/09/03	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.2	308	102	124	0.1	0.02	7.68	0.8	0	Satisfactory
12	2076/09/03	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	55	18	14	0.1	0.02	5.76	0.5	0	Satisfactory
13	2076/09/04	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/5	<5	7.5	69	16	14	0.1	0.02	5.76	0.2	0	Satisfactory
14	2076/09/04	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	283	110	58	0.3	1.7	11.52	0.2	0	Satisfactory
15	2076/09/04	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	301	100	122	0.1	0.02	7.68	0.7	0	Satisfactory
16	2076/09/04	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	53	18	14	0.1	0.02	5.76	0.6	0	Satisfactory
17	2076/09/05	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	55	18	14	0.1	0.02	5.76	0.6	0	Satisfactory
18	2076/09/06	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/5	<5	7.6	47	12	10	0.2	0.02	5.76	0.3	0	Satisfactory
19	2076/09/06	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.2	262	100	50	0.3	1.7	13.44	0.2	0	Satisfactory
20	2076/09/06	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.2	314	110	134	0.1	0.02	7.68	0.8	0	Satisfactory
21	2076/09/06	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	62	22	16	0.1	0.02	5.76	0.6	0	Satisfactory
22	2076/09/07	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.8	49	16	10	0.2	0.02	5.76	0.3	0	Satisfactory
23	2076/09/07	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.3	293	120	60	0.3	1.8	11.52	0.1	0	Satisfactory
24	2076/09/07	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.4	307	106	122	0.1	0.02	7.68	0.8	0	Satisfactory
25	2076/09/07	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	66	26	16	0.1	0.02	5.76	0.5	0	Satisfactory
26	2076/09/08	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.8	66	14	12	0.2	0.02	5.76	0.3	0	Satisfactory
27	2076/09/08	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.3	274	114	54	0.3	1.7	11.52	0.1	0	Satisfactory
28	2076/09/08	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	310	100	120	0.1	0.02	7.68	0.5	0	Satisfactory
29	2076/09/08	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	56	20	16	0.1	0.02	3.84	0.5	0	Satisfactory
30	2076/09/09	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.6	51	18	14	0.2	0.02	5.76	0.3	0	Satisfactory
31	2076/09/09	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.3	316	100	40	0.3	1.7	13.44	0.3	0	Satisfactory
32	2076/09/09	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	315	108	134	0.1	0.02	9.6	0.8	0	Satisfactory
33	2076/09/09	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	72	28	18	0.1	0.02	5.76	0.5	0	Satisfactory
34	2076/09/10	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	7.2	58	14	12	0.3	0.02	5.76	0.6	0	Satisfactory
35	2076/09/10	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	281	110	56	0.3	1.7	11.52	0.4	0	Satisfactory
36	2076/09/10	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.2	311	106	128	0.1	0.02	7.68	0.8	0	Satisfactory
37	2076/09/10	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	65	24	18	0.1	0.02	5.76	0.5	0	Satisfactory
38	2076/09/11	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.9	53	11	14	0.3	0.02	7.68	0.7	0	Satisfactory
39	2076/09/11	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.3	288	116	56	0.3	1.7	11.52	0.3	0	Satisfactory
40	2076/09/11	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.7	300	100	120	0.1	0.02	7.68	0.8	0	Satisfactory
41	2076/09/11	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	67	26	18	0.1	0.02	5.76	0.5	0	Satisfactory
42	2076/09/12	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	73	28	18	0.1	0.02	5.76	0.5	0	Satisfactory
43	2076/09/13	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9	<5	7.2	49	14	12	0.3	0.02	7.68	0.5	0	Satisfactory
44	2076/09/13	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.3	295	120	56	0.3	1.7	19.2	0.8	0	Satisfactory
45	2076/09/13	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	309	100	128	0.1	0.02	7.68	0.5	0	Satisfactory
46	2076/09/13	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	75	28	20	0.1	0.02	5.76	0.6	0	Satisfactory
47	2076/09/14	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	55	18	16	0.2	0.02	7.68	0.4	0	Satisfactory
48	2076/09/14	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.4	270	130	54	0.3	1.7	13.44	0.3	0	Satisfactory
49	2076/09/14	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	320	114	126	0.1	0.02	11.5	0.7	0	Satisfactory
50	2076/09/14	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	72	26	20	0.1	0.02	5.76	0.5	0	Satisfactory
51	2076/09/15	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	49	14	12	0.1	0.02	7.68	0.3	0	Satisfactory
52	2076/09/15	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	296	120	56	0.3	1.7	23.04	0.4	0	Satisfactory
53	2076/09/15	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.2	300	104	120	0.1	0.02	7.68	0.8	0	Satisfactory
54	2076/09/15	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	73	26	20	0.1	0.02	5.76	0.5	0	Satisfactory
55	2076/09/16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	49	14	10	0.1	0.02	5.76	0.6	0	Satisfactory
56	2076/09/16	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.2	268	110	40	0.3	1.7	15.36	0.0	0	Satisfactory
57	2076/09/16	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.9	311	102	126	0.1	0.02	7.68	0.7	0	Satisfactory
58	2076/09/16	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	68	28	20	0.1	0.02	7.68	0.4	0	Satisfactory
59	2076/09/17	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/5	<5	7.1	49	14	12	0.2	0.02	5.76	0.8	0	Satisfactory
60	2076/09/17	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	263	98	48	0.3	1.7	11.52	0.3	0	Satisfactory
61	2076/09/17	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	309	100	120	0.1	0.02	7.68	0.7	0	Satisfactory
62	2076/09/17	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	68	28	20	0.1	0.02	5.76	0.4	0	Satisfactory
63	2076/09/18	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	48	14	12	0.1	0.02	5.76	0.5	0	Satisfactory
64	2076/09/18	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	256	120	46	0.3	1.8	11.52	0.2	0	Satisfactory
65	2076/09/18	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	307	100	124	0.1	0.02	5.76	0.5	0	Satisfactory
66	2076/09/18	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	69	28	22	0.1	0.02	5.76	0.6	0	Satisfactory
67	2076/09/19	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	64	24	18	0.1	0.02	5.76	0.8	0	Satisfactory
68	2076/09/20	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	7.7	61	16	12	0.1	0.02	7.68	0.8	0	Satisfactory
69	2076/09/20	Madhyapur Thimi	Bode WTP	Treated	Clear/5	<5	7.1	286	96	42	0.3	1.8	7.68	0.7	0	Satisfactory
70	2076/09/20	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.3	307	94	120	0.1	0.02	7.68	0.6	0	Satisfactory
71	2076/09/20	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	65	26	18	0.1	0.02	5.76	0.5	0	Satisfactory
72	2076/09/21	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.8	45	12	10	0.1	0.02	3.84	0.3	0	Satisfactory
73	2076/09/21	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.4	331	108	80	0.3	1.9	17.28	0.8	0	Satisfactory
74	2076/09/21	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	316	108	130	0.1	0.02	9.6	0.7	0	Satisfactory
75	2076/09/21	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	66	26	18	0.1	0.02	5.76	0.5	0	Satisfactory
76	2076/09/22	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	51	18	14	0.1	0.02	5.76	0.5	0	Satisfactory
77	2076/09/22	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	316	104	70	0.3	1.9	17.28	0.1	0	Satisfactory
78	2076/09/22	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	313	106	126	0.1	0.02	7.68	0.8	0	Satisfactory
79	2076/09/22	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	67	28	18	0.1	0.02	5.76	0.5	0	Satisfactory
80	2076/09/23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.8	62	20	14	0.1	0.02	5.76	0.5	0	Satisfactory
81	2076/09/23	Madhy														