

KATHMANDU UPATYAKA KHANEPANI LIMITED
Water / Waste Water Quality Assurance Division , Mahankalchaur
Laboratory Record Of Chemical & Bacteriological Analysis Of Water
Poush 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	
Units					→	→										
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	2077/09/01	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	64	24	20	0.1	0.02	5.76	0.4	0	Satisfactory
2	2077/09/01	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	246	60	44	0.3	1.6	9.6	0.1	0	Satisfactory
3	2077/09/01	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	54	18	14	0.2	0.02	5.76	0.8	0	Satisfactory
4	2077/09/01	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.7	324	94	116	0.1	0.02	5.76	0.1	0	Satisfactory
5	2077/09/02	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	53	20	16	0.1	0.02	5.76	0.4	0	Satisfactory
6	2077/09/02	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	252	60	54	0.3	1.8	9.6	0.2	0	Satisfactory
7	2077/09/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	64	18	14	0.1	0.02	9.6	0.7	0	Satisfactory
8	2077/09/02	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.7	337	96	118	0.1	0.02	5.76	0.1	0	Satisfactory
9	2077/09/03	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	59	22	20	0.1	0.02	5.76	0.4	0	Satisfactory
10	2077/09/03	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	237	60	40	0.3	1.7	9.6	0.1	0	Satisfactory
11	2077/09/03	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	64	20	14	0.1	0.02	7.68	0.8	0	Satisfactory
12	2077/09/03	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.8	342	100	120	0.1	0.02	5.76	0.1	0	Satisfactory
13	2077/09/04	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	58	22	18	0.1	0.02	5.76	0.4	0	Satisfactory
14	2077/09/05	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	62	22	20	0.1	0.02	5.76	0.4	0	Satisfactory
15	2077/09/05	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	237	60	50	0.3	1.6	9.6	0.1	0	Satisfactory
16	2077/09/05	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/5	<5	7.5	57	20	16	0.1	0.02	7.68	0.8	0	Satisfactory
17	2077/09/06	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	71	26	20	0.1	0.02	5.76	0.5	0	Satisfactory
18	2077/09/06	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	252	62	54	0.3	1.6	15.36	0.4	0	Satisfactory
19	2077/09/06	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	7.2	53	18	14	0.1	0.02	7.68	0.8	0	Satisfactory
20	2077/09/06	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.9	331	94	118	0.1	0.02	5.76	0.1	0	Satisfactory
21	2077/09/07	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	62	22	20	0.1	0.02	5.76	0.5	0	Satisfactory
22	2077/09/07	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	240	60	50	0.3	1.7	7.68	0.3	0	Satisfactory
23	2077/09/07	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9	<5	7.1	45	18	14	0.1	0.02	9.6	0.8	0	Satisfactory
24	2077/09/07	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	340	96	120	0.1	0.02	5.76	0.1	0	Satisfactory
25	2077/09/08	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	64	22	20	0.1	0.02	5.76	0.5	0	Satisfactory
26	2077/09/08	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	250	60	52	0.3	1.6	11.52	0.1	0	Satisfactory
27	2077/09/08	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	53	20	14	0.1	0.02	5.76	0.8	0	Satisfactory
28	2077/09/09	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	62	22	20	0.1	0.02	5.76	0.5	0	Satisfactory
29	2077/09/09	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	236	58	50	0.3	1.6	7.68	0.1	0	Satisfactory

30	2077/09/09	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	7.1	57	20	14	0.1	0.02	5.76	0.8	0	Satisfactory
31	2077/09/10	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	70	26	20	0.1	0.02	5.76	0.4	0	Satisfactory
32	2077/09/10	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	262	62	54	0.3	1.6	11.52	0.2	0	Satisfactory
33	2077/09/10	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/6	<5	7.2	55	20	14	0.1	0.02	7.68	0.8	0	Satisfactory
34	2077/09/11	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	56	22	16	0.1	0.02	5.76	0.4	0	Satisfactory
35	2077/09/11	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	60	22	20	0.1	0.02	5.76	0.4	0	Satisfactory
36	2077/09/12	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	63	22	20	0.1	0.02	5.76	0.4	0	Satisfactory
37	2077/09/12	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	260	62	58	0.3	1.6	19.2	0.5	0	Satisfactory
38	2077/09/12	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	7.1	49	18	14	0.1	0.02	5.76	0.3	0	Satisfactory
39	2077/09/12	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	316	88	114	0.1	0.02	5.76	0.1	0	Satisfactory
40	2077/09/13	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	66	24	20	0.1	0.02	5.76	0.4	0	Satisfactory
41	2077/09/13	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	239	58	50	0.3	1.6	5.76	0.1	0	Satisfactory
42	2077/09/13	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	7.5	47	20	14	0.1	0.02	5.76	0.3	0	Satisfactory
43	2077/09/14	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	64	22	20	0.1	0.02	5.76	0.4	0	Satisfactory
44	2077/09/14	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	254	62	58	0.3	1.6	17.28	0.3	0	Satisfactory
45	2077/09/14	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/6	<5	7.4	50	18	14	0.1	0.02	5.76	0.1	0	Satisfactory
46	2077/09/14	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.9	335	96	118	0.1	0.02	5.76	0.1	0	Satisfactory
47	2077/09/15	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	62	22	20	0.1	0.02	5.76	0.5	0	Satisfactory
48	2077/09/15	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	242	60	52	0.3	1.6	7.68	0.1	0	Satisfactory
49	2077/09/15	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	7.2	54	18	14	0.1	0.02	9.6	0.8	0	Satisfactory
50	2077/09/16	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	67	24	20	0.1	0.02	5.76	0.4	0	Satisfactory
51	2077/09/16	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	247	62	52	0.3	1.6	7.68	0.1	0	Satisfactory
52	2077/09/16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/6	<5	7.4	45	18	14	0.1	0.02	7.68	0.3	0	Satisfactory
53	2077/09/16	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.9	322	94	116	0.1	0.02	5.76	0.1	0	Satisfactory
54	2077/09/17	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	65	22	20	0.1	0.02	5.76	0.4	0	Satisfactory
55	2077/09/17	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	252	62	54	0.3	1.6	7.68	0.1	0	Satisfactory
56	2077/09/17	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9	<5	7.3	62	18	16	0.1	0.02	9.6	0.8	0	Satisfactory
57	2077/09/17	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	332	96	118	0.1	0.02	5.76	0.1	0	Satisfactory
58	2077/09/18	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	67	24	20	0.1	0.02	5.76	0.5	0	Satisfactory
59	2077/09/19	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	68	24	20	0.1	0.02	5.76	0.5	0	Satisfactory
60	2077/09/19	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	245	60	50	0.3	1.6	7.68	0.8	0	Satisfactory
61	2077/09/19	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/6	<5	7.4	49	20	14	0.1	0.02	9.6	0.8	0	Satisfactory
62	2077/09/19	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.8	320	94	116	0.1	0.02	5.76	0.1	0	Satisfactory
63	2077/09/20	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	66	24	20	0.1	0.02	5.76	0.5	0	Satisfactory
64	2077/09/20	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	254	62	56	0.3	1.6	17.28	0.7	0	Satisfactory
65	2077/09/20	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	7.3	47	18	14	0.1	0.02	9.6	0.8	0	Satisfactory
66	2077/09/21	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	64	24	20	0.1	0.02	5.76	0.5	0	Satisfactory
67	2077/09/21	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	253	60	52	0.3	1.6	19.2	0.3	0	Satisfactory
68	2077/09/21	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/6	<5	7.3	33	18	12	0.1	0.02	3.76	0.7	0	Satisfactory
69	2077/09/22	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.2	258	62	52	0.3	1.6	13.44	0.1	0	Satisfactory

70	2077/09/22	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/5	<5	7.5	45	18	14	0.1	0.02	5.76	0.1	0	Satisfactory
71	2077/09/22	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.9	334	96	118	0.1	0.02	5.76	0.1	0	Satisfactory
72	2077/09/23	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	76	26	22	0.1	0.02	5.76	0.5	0	Satisfactory
73	2077/09/23	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	246	60	50	0.3	1.6	7.68	0.3	0	Satisfactory
74	2077/09/23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/6	<5	7.3	50	18	14	0.1	0.02	5.76	0.3	0	Satisfactory
75	2077/09/23	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.8	328	94	118	0.1	0.02	5.76	0.1	0	Satisfactory
76	2077/09/24	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	72	26	22	0.1	0.02	5.76	0.5	0	Satisfactory
77	2077/09/24	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.2	256	60	54	0.3	1.6	19.2	0.7	0	Satisfactory
78	2077/09/24	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	7.5	43	20	14	0.1	0.02	5.76	0.3	0	Satisfactory
79	2077/09/24	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	342	100	120	0.1	0.02	7.68	0.1	0	Satisfactory
80	2077/09/25	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	71	24	22	0.1	0.02	5.76	0.4	0	Satisfactory
81	2077/09/25	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	70	24	22	0.1	0.02	5.76	0.5	0	Satisfactory
82	2077/09/26	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	74	26	22	0.1	0.02	5.76	0.5	0	Satisfactory
83	2077/09/26	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	68	24	22	0.1	0.02	5.76	0.5	0	Satisfactory
84	2077/09/26	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	256	60	56	0.3	1.6	17.44	0.4	0	Satisfactory
85	2077/09/26	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	7.4	46	20	14	0.1	0.02	0.99	0.1	0	Satisfactory
86	2077/09/27	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	68	24	22	0.1	0.02	5.76	0.4	0	Satisfactory
87	2077/09/27	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	247	60	52	0.3	1.6	7.68	0.1	0	Satisfactory
88	2077/09/27	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	7.4	53	18	14	0.1	0.02	9.6	0.8	0	Satisfactory
89	2077/09/27	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	334	94	118	0.1	0.02	5.76	0.1	0	Satisfactory
90	2077/09/28	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	67	24	22	0.1	0.02	5.76	0.5	0	Satisfactory
91	2077/09/28	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	68	26	22	0.1	0.02	5.76	0.5	0	Satisfactory
92	2077/09/28	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	7.1	43	16	14	0.1	0.02	5.76	0.8	0	Satisfactory
93	2077/09/28	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	245	60	40	0.3	1.6	7.68	0.1	0	Satisfactory
94	2077/09/28	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.8	348	102	122	0.1	0.02	7.68	0.1	0	Satisfactory
95	2077/09/29	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	69	26	22	0.1	0.02	5.76	0.5	0	Satisfactory
96	2077/09/29	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	8.0	59	18	20	0.1	0.02	9.6	1.4	0	Satisfactory
97	2077/09/29	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	237	60	40	0.3	1.6	7.68	0.1	0	Satisfactory
98	2077/09/29	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	340	98	120	0.1	0.02	7.68	0.1	0	Satisfactory