

KATHMANDU UPATYAKA KHANEPANI LIMITED
Water / Waste Water Quality Assurance Division , Mahankalchaur
Laboratory Record Of Chemical & Bacteriological Analysis Of Water
Ashad 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	
Units					→	→										
National Drinking Water Quality Standard (NDWQS)					→	→									0 in 95% Samples	
1	2076/03/01	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9	<5	6.5	59	16	18	0.2	0.02	5.76	0.4	0	Satisfactory
2	2076/03/01	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	236	104	60	0.3	1.7	17.2	0.4	0	Satisfactory
3	2076/03/01	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.3	391	120	148	0.1	0.02	7.68	0.7	0	Satisfactory
4	2076/03/01	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	107	34	28	0.2	0.02	7.68	0.5	0	Satisfactory
5	2076/03/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.8	68	22	20	0.1	0.02	3.84	0.5	0	Satisfactory
6	2076/03/02	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	236	112	46	0.3	1.9	8	0.3	0	Satisfactory
7	2076/03/02	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.5	397	122	150	0.1	0.02	7.68	0.7	0	Satisfactory
8	2076/03/02	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	102	30	24	0.2	0.02	9.6	0.5	0	Satisfactory
9	2076/03/03	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.5	76	22	18	0.2	0.02	9.6	0.2	0	Satisfactory
10	2076/03/03	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.4	390	120	148	0.1	0.02	7.68	0.7	0	Satisfactory
11	2076/03/03	Maharajgunj	Bansbari WTP	Treated	Clear/10	<5	6.9	103	28	22	0.2	0.02	7.68	0.5	0	Satisfactory
12	2076/03/03	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	240	104	56	0.3	1.7	11.5	0.5	0	Satisfactory
13	2076/03/04	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.5	58	18	16	0.3	0.02	5.76	0.6	0	Satisfactory
14	2076/03/04	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.3	392	120	150	0.1	0.02	7.68	0.5	0	Satisfactory
15	2076/03/04	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	90	30	22	0.2	0.02	5.76	0.5	0	Satisfactory
16	2076/03/04	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	256	108	52	0.3	1.8	13.4	0.5	0	Satisfactory
17	2076/03/05	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	55	16	14	0.1	0.02	5.76	0.3	0	Satisfactory
18	2076/03/05	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.5	380	120	142	0.1	0.02	7.68	0.8	0	Satisfactory
19	2076/03/05	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	82	30	20	0.2	0.02	3.84	0.5	0	Satisfactory
20	2076/03/05	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	242	106	50	0.3	1.8	13.2	0.2	0	Satisfactory
21	2076/03/06	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	7.0	64	20	16	0.3	0.02	5.76	0.3	0	Satisfactory
22	2076/03/06	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.3	355	116	136	0.1	0.02	7.68	0.6	0	Satisfactory
23	2076/03/06	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	88	32	22	0.2	0.02	9.6	0.5	0	Satisfactory
24	2076/03/06	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	253	108	56	0.3	1.7	10.2	0.3	0	Satisfactory
25	2076/03/07	Maharajgunj	Bansbari WTP	Treated	Clear/5	<5	6.9	91	30	22	0.2	0.02	9.6	0.5	0	Satisfactory
26	2076/03/08	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.5	53	14	18	0.3	0.02	7.68	0.2	0	Satisfactory
27	2076/03/08	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.1	350	114	134	0.1	0.02	7.68	0.6	0	Satisfactory

28	2076/03/08	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	84	20	20	0.2	0.02	7.68	0.5	0	Satisfactory
29	2076/03/08	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	257	110	52	0.3	1.7	11.3	0.1	0	Satisfactory
30	2076/03/09	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	6.5	56	16	18	0.3	0.02	5.76	0.5	0	Satisfactory
31	2076/03/09	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.4	390	120	148	0.1	0.02	7.68	0.7	0	Satisfactory
32	2076/03/09	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	86	20	24	0.2	0.02	7.68	0.5	0	Satisfactory
33	2076/03/10	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.3	350	114	132	0.1	0.02	7.68	0.9	0	Satisfactory
34	2076/03/10	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	65	24	20	0.2	0.02	7.68	0.6	0	Satisfactory
35	2076/03/11	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	6.9	48	18	14	0.3	0.02	7.68	0.1	0	Satisfactory
36	2076/03/11	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.6	371	120	136	0.1	0.02	7.68	0.6	0	Satisfactory
37	2076/03/11	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.0	73	28	20	0.2	0.02	5.76	0.5	0	Satisfactory
38	2076/03/12	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	6.5	59	20	18	0.3	0.02	7.68	0.2	0	Satisfactory
39	2076/03/12	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.5	361	116	138	0.1	0.02	7.68	0.7	0	Satisfactory
40	2076/03/12	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	78	28	20	0.1	0.02	7.68	0.5	0	Satisfactory
41	2076/03/13	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	57	18	20	0.1	0.02	5.76	0.3	0	Satisfactory
42	2076/03/13	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.8	389	120	146	0.1	0.02	7.68	0.5	0	Satisfactory
43	2076/03/13	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	80	36	22	0.2	0.02	7.68	0.5	0	Satisfactory
44	2076/03/14	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	76	28	20	0.2	0.02	5.76	0.5	0	Satisfactory
45	2076/03/15	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/5	<5	6.6	54	18	16	0.3	0.02	5.76	0.2	0	Satisfactory
46	2076/03/15	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	77	28	20	0.2	0.02	5.76	0.5	0	Satisfactory
47	2076/03/16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9	<5	6.7	55	20	18	0.2	0.02	9.6	0.2	0	Satisfactory
48	2076/03/16	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	221	114	60	0.1	1.8	17.28	0.8	0	Satisfactory
49	2076/03/16	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.2	351	114	130	0.1	0.02	7.68	0.7	0	Satisfactory
50	2076/03/16	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	78	32	22	0.2	0.02	5.76	0.5	0	Satisfactory
51	2076/03/17	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.5	60	20	18	0.3	0.02	7.68	0.5	0	Satisfactory
52	2076/03/17	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	237	104	50	0.3	1.6	17.28	0.3	0	Satisfactory
53	2076/03/17	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	6.7	356	104	136	0.1	0.02	7.68	0.5	0	Satisfactory
54	2076/03/17	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	83	36	22	0.2	0.02	7.68	0.5	0	Satisfactory
55	2076/03/18	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/6	<5	6.5	73	22	18	0.2	0.02	5.76	0.2	0	Satisfactory
56	2076/03/18	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	246	112	56	0.3	1.9	13.4	0.6	0	Satisfactory
57	2076/03/18	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	87	26	24	0.2	0.02	7.68	0.5	0	Satisfactory
58	2076/03/19	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/5	<5	6.5	52	18	16	0.2	0.02	5.76	0.6	0	Satisfactory
59	2076/03/19	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	238.5	106	44	0.3	1.8	15.4	0.7	0	Satisfactory
60	2076/03/19	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	78	34	20	0.2	0.02	7.68	0.5	0	Satisfactory
61	2076/03/20	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	6.5	51	16	18	0.2	0.02	5.76	0.2	0	Satisfactory
62	2076/03/20	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	234	102	40	0.3	1.7	13.4	0.6	0	Satisfactory
63	2076/03/20	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	84	34	22	0.2	0.02	5.76	0.5	0	Satisfactory
64	2076/03/21	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	78	32	22	0.2	0.02	5.76	0.5	0	Satisfactory
65	2076/03/22	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9	<5	6.5	51	20	18	0.2	0.02	5.76	0.3	0	Satisfactory

66	2076/03/22	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	228	106	44	0.3	1.6	23	0.9	0	Satisfactory
67	2076/03/22	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.5	348	114	130	0.1	0.02	7.68	0.8	0	Satisfactory
68	2076/03/22	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	80	28	24	0.2	0.02	9.6	0.5	0	Satisfactory
69	2076/03/23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.5	53	18	16	0.2	0.02	7.6	0.1	0	Satisfactory
70	2076/03/23	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	249	106	56	0.3	1.8	13.44	0.5	0	Satisfactory
71	2076/03/23	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.3	387	120	150	0.1	0.02	7.68	0.6	0	Satisfactory
72	2076/03/23	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	72	20	24	0.2	0.02	9.6	0.6	0	Satisfactory
73	2076/03/24	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/5	<5	6.5	49	16	14	0.3	0.02	3.84	0.3	0	Satisfactory
74	2076/03/24	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	255	108	52	0.3	1.9	13.44	0.7	0	Satisfactory
75	2076/03/24	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.5	379	120	142	0.1	0.02	7.68	0.8	0	Satisfactory
76	2076/03/24	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	64	22	20	0.1	0.02	7.68	0.7	0	Satisfactory
77	2076/03/25	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.6	47	16	14	0.3	0.02	5.76	0.5	0	Satisfactory
78	2076/03/25	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	237	104	46	0.3	1.8	25	0.3	0	Satisfactory
79	2076/03/25	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.6	338	114	134	0.1	0.02	7.68	0.7	0	Satisfactory
80	2076/03/25	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	66	30	18	0.2	0.02	7.68	0.7	0	Satisfactory
81	2076/03/26	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.5	45	14	14	0.2	0.02	5.76	0.4	0	Satisfactory
82	2076/03/26	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	69	30	20	0.1	0.02	7.68	0.7	0	Satisfactory
83	2076/03/27	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.5	50	16	20	0.3	0.02	3.84	0.6	0	Satisfactory
84	2076/03/27	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	52	18	12	0.2	0.02	5.76	0.7	0	Satisfactory
85	2076/03/28	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	56	20	16	0.1	0.02	7.68	0.7	0	Satisfactory
86	2076/03/29	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.5	38	14	12	0.3	0.02	5.76	0.2	0	Satisfactory
87	2076/03/29	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	225	100	58	0.3	1.8	19.2	0.3	0	Satisfactory
88	2076/03/29	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	48	20	14	0.1	0.02	7.68	0.7	0	Satisfactory
89	2076/03/30	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9	<5	6.5	55	14	16	0.3	0.02	5.76	0.2	0	Satisfactory
90	2076/03/30	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	54	24	14	0.1	0.02	7.68	0.7	0	Satisfactory
91	2076/03/31	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	54	18	10	0.1	0.02	7.68	0.7	0	Satisfactory
92	2076/03/31	Mahankalchaur	Treated	Treated	Clear/8	<5	6.5	40	16	14	0.2	0.02	5.76	0.2	0	Satisfactory