

KATHMANDU UPATYAKA KHANEPANI LIMITED
Water / Waste Water Quality Assurance Division , Mahankalchaur
Laboratory Record Of Chemical & Bacteriological Analysis Of Water
Chaitra 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
Units					(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	2076/12/01	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	100	34	26	0.2	0.02	5.76	0.5	0	Satisfactory
2	2076/12/02	Madhyapur Timi	Bode WTP	Treated	Clear/<5	<5	7.1	268	92	56	0.3	1.8	9.6	0.4	0	Satisfactory
3	2076/12/02	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	94	34	26	0.2	0.02	5.76	0.5	0	Satisfactory
4	2076/12/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	42	18	12	0.1	0.02	7.68	0.8	0	Satisfactory
5	2076/12/02	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.9	272	92	110	0.1	0.02	5.76	0.6	0	Satisfactory
6	2076/12/03	Madhyapur Timi	Bode WTP	Treated	Clear/<5	<5	7.1	280	90	52	0.3	1.9	7.68	0.1	0	Satisfactory
7	2076/12/03	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	95	34	26	0.2	0.02	5.76	0.5	0	Satisfactory
8	2076/12/03	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	45	20	14	0.1	0.02	5.76	0.4	0	Satisfactory
9	2076/12/03	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.9	270	92	110	0.1	0.02	5.76	0.7	0	Satisfactory
10	2076/12/04	Madhyapur Timi	Bode WTP	Treated	Clear/<5	<5	6.7	234	81	54	0.3	1.9	11.52	0.3	0	Satisfactory
11	2076/12/04	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	103	38	26	0.2	0.02	5.76	0.5	0	Satisfactory
12	2076/12/04	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9	<5	7.8	47	18	14	0.3	0.02	7.68	0.4	0	Satisfactory
13	2076/12/05	Madhyapur Timi	Bode WTP	Treated	Clear/7	<5	7.2	288	106	48	0.3	1.9	11.52	0.1	0	Satisfactory
14	2076/12/05	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	96	34	24	0.2	0.02	5.76	0.5	0	Satisfactory
15	2076/12/05	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	29	10	8	0.1	0.02	5.76	0.8	0	Satisfactory
16	2076/12/06	Madhyapur Timi	Bode WTP	Treated	Clear/5	<5	7.1	295	96	58	0.3	1.9	15.36	0.2	0	Satisfactory
17	2076/12/06	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	95	34	24	0.1	0.02	5.76	0.5	0	Satisfactory
18	2076/12/06	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	48	20	14	0.1	0.02	5.76	0.6	0	Satisfactory
19	2076/12/07	Madhyapur Timi	Bode WTP	Treated	Clear/<5	<5	6.9	285	80	48	0.3	1.9	19.2	0.2	0	Satisfactory
20	2076/12/07	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	93	36	24	0.2	0.02	5.76	0.5	0	Satisfactory
21	2076/12/07	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	56	20	14	0.1	0.02	5.76	0.4	0	Satisfactory
22	2076/12/08	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	95	36	24	0.2	0.02	5.76	0.5	0	Satisfactory
23	2076/12/09	Madhyapur Timi	Bode WTP	Treated	Clear/<5	<5	7.1	284	97	60	0.3	1.9	17.68	0.5	0	Satisfactory
24	2076/12/09	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	88	34	24	0.2	0.02	5.76	0.5	0	Satisfactory
25	2076/12/09	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	7.5	51	18	14	0.2	0.02	5.76	0.2	0	Satisfactory
26	2076/12/10	Madhyapur Timi	Bode WTP	Treated	Clear/<5	<5	7.1	299	99	66	0.3	1.6	15.36	0.1	0	Satisfactory
27	2076/12/10	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	87	32	24	0.2	0.02	5.76	0.5	0	Satisfactory
28	2076/12/10	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	7.1	47	18	18	0.3	0.02	3.84	0.2	0	Satisfactory
29	2076/12/11	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	90	34	24	0.2	0.02	5.76	0.5	0	Satisfactory
30	2076/12/12	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	88	32	24	0.2	0.02	5.76	0.4	0	Satisfactory
31	2076/12/13	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	88	34	24	0.2	0.02	5.76	0.5	0	Satisfactory
32	2076/12/13	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	79	28	22	0.1	0.02	5.76	0.3	0	Satisfactory
33	2076/12/14	Madhyapur Timi	Bode WTP	Treated	Clear/<5	<5	6.8	304	98	60	0.3	1.6	13.44	0.8	0	Satisfactory
34	2076/12/14	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	92	34	26	0.2	0.02	5.76	0.5	0	Satisfactory

35	2076/12/14	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	57	22	20	0.1	0.02	5.76	0.3	0	Satisfactory
36	2076/12/15	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	97	36	26	0.2	0.02	5.76	0.5	0	Satisfactory
37	2076/12/16	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	94	34	26	0.2	0.02	5.76	0.5	0	Satisfactory
38	2076/12/16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	62	20	14	0.2	0.02	5.76	0.3	0	Satisfactory
39	2076/12/17	Madhyapur Timi	Bode WTP	Treated	Clear/<5	<5	6.9	315	104	62	0.3	1.6	11.52	0.4	0	Satisfactory
40	2076/12/17	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	95	34	26	0.2	0.02	5.76	0.5	0	Satisfactory
41	2076/12/17	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	52	22	20	0.2	0.02	5.76	0.2	0	Satisfactory
42	2076/12/18	Madhyapur Timi	Bode WTP	Treated	Clear/<5	<5	6.9	326	116	58	0.3	1.6	9.6	0.5	0	Satisfactory
43	2076/12/18	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	102	36	26	0.2	0.02	5.76	0.5	0	Satisfactory
44	2076/12/18	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	59	18	16	0.2	0.02	9.6	0.8	0	Satisfactory
45	2076/12/19	Madhyapur Timi	Bode WTP	Treated	Clear/<5	<5	6.9	321	109	50	0.3	1.6	9.6	0.2	0	Satisfactory
46	2076/12/19	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	97	34	26	0.2	0.02	5.76	0.5	0	Satisfactory
47	2076/12/19	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	54	18	16	0.1	0.02	5.76	0.2	0	Satisfactory
48	2076/12/20	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	101	38	26	0.2	0.02	7.68	0.5	0	Satisfactory
49	2076/12/20	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	46	18	16	0.2	0.02	5.76	0.5	0	Satisfactory
50	2076/12/21	Madhyapur Timi	Bode WTP	Treated	Clear/<5	<5	6.9	367	126	54	0.3	1.8	11.52	0.2	0	Satisfactory
51	2076/12/21	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	92	34	24	0.1	0.02	7.68	0.4	0	Satisfactory
52	2076/12/21	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.6	53	18	16	0.1	0.02	5.76	0.2	0	Satisfactory
53	2076/12/22	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	105	38	28	0.1	0.02	7.68	0.5	0	Satisfactory
54	2076/12/23	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	100	38	26	0.1	0.02	5.76	0.5	0	Satisfactory
55	2076/12/23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	52	18	14	0.1	0.02	7.68	0.6	0	Satisfactory
56	2076/12/24	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	101	38	26	0.1	0.02	5.76	0.5	0	Satisfactory
57	2076/12/24	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	45	18	16	0.1	0.02	5.76	0.3	0	Satisfactory
58	2076/12/25	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	102	38	26	0.1	0.02	7.68	0.5	0	Satisfactory
59	2076/12/25	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	54	18	18	0.2	0.02	9.6	0.2	0	Satisfactory
60	2076/12/26	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	104	38	28	0.1	0.02	5.76	0.4	0	Satisfactory
61	2076/12/26	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	63	20	14	0.1	0.02	5.76	0.8	0	Satisfactory
62	2076/12/27	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	102	38	26	0.1	0.02	7.68	0.5	0	Satisfactory
63	2076/12/27	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	55	18	16	0.1	0.02	5.76	0.4	0	Satisfactory
64	2076/12/28	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	92	34	24	0.1	0.02	5.76	0.5	0	Satisfactory
65	2076/12/28	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	57	18	16	0.1	0.02	5.76	0.6	0	Satisfactory
66	2076/12/29	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	98	36	26	0.1	0.02	7.68	0.4	0	Satisfactory
67	2076/12/30	Maharajunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	101	36	26	0.1	0.02	7.68	0.4	0	Satisfactory
68	2076/12/30	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	7.4	65	20	16	0.3	0.02	5.76	0.5	0	Satisfactory
69	12/30/2076	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.6	288	104	124	0.2	0.02	11.52	0.6	0	Satisfactory