

KATHMANDU UPATYAKA KHANEPANI LIMITED
Water / Waste Water Quality Assurance Division , Mahankalchaur
Laboratory Record Of Chemical & Bacteriological Analysis Of Water
Magh 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	2076/10/01	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	75	28	22	0.1	0.02	5.76	0.6	0	Satisfactory
2	2076/10/01	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	45	14	10	0.2	0.02	5.76	0.1	0	Satisfactory
3	2076/10/01	Madhyapur Thim	Bode WTP	Treated	Clear/<5	<5	6.9	295	100	46	0.3	1.6	11.52	0.4	0	Satisfactory
4	2076/10/01	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	311	104	126	0.1	0.02	7.68	0.7	0	Satisfactory
5	2076/10/02	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	75	28	22	0.1	0.02	5.76	0.6	0	Satisfactory
6	2076/10/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	45	14	10	0.1	0.02	5.76	0.3	0	Satisfactory
7	2076/10/02	Madhyapur Thim	Bode WTP	Treated	Clear/<5	<5	7.1	304	108	44	0.3	1.6	19.2	0.3	0	Satisfactory
8	2076/10/03	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	67	24	18	0.1	0.02	5.76	0.6	0	Satisfactory
9	2076/10/03	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.7	53	18	10	0.3	0.02	5.76	0.2	0	Satisfactory
10	2076/10/03	Madhyapur Thim	Bode WTP	Treated	Clear/<5	<5	7.0	314	120	56	0.3	1.6	19.2	0.3	0	Satisfactory
11	2076/10/03	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	314	106	126	0.1	0.02	9.6	0.5	0	Satisfactory
12	2076/10/04	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	75	28	22	0.1	0.02	5.76	0.6	0	Satisfactory
13	2076/10/05	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	70	26	22	0.1	0.02	5.76	0.5	0	Satisfactory
14	2076/10/05	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	58	16	12	0.2	0.02	5.76	0.2	0	Satisfactory
15	2076/10/05	Madhyapur Thim	Bode WTP	Treated	Clear/<5	<5	7.1	352	130	64	0.3	1.5	19.2	0.5	0	Satisfactory
16	2076/10/05	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.3	281	86	116	0.1	0.02	9.6	0.3	0	Satisfactory
17	2076/10/06	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	64	24	20	0.1	0.02	5.76	0.5	0	Satisfactory
18	2076/10/06	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.6	66	18	12	0.2	0.02	9.6	0.4	0	Satisfactory
19	2076/10/06	Madhyapur Thim	Bode WTP	Treated	Clear/<5	<5	7.1	310	104	56	0.3	1.6	23.04	0.2	0	Satisfactory
20	2076/10/06	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.2	302	100	118	0.1	0.02	7.68	0.8	0	Satisfactory
21	2076/10/07	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	64	24	20	0.1	0.02	5.76	0.5	0	Satisfactory
22	2076/10/07	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.7	58	14	12	0.2	0.02	5.76	0.2	0	Satisfactory
23	2076/10/07	Madhyapur Thim	Bode WTP	Treated	Clear/<5	<5	7.1	289	102	54	0.3	1.6	11.52	0.3	0	Satisfactory
24	2076/10/08	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	70	26	22	0.1	0.02	5.76	0.5	0	Satisfactory
25	2076/10/08	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.6	45	12	10	0.2	0.02	5.76	0.6	0	Satisfactory
26	2076/10/08	Madhyapur Thim	Bode WTP	Treated	Clear/<5	<5	7.0	355	130	64	0.3	1.6	19.2	0.1	0	Satisfactory

27	2076/10/08	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.3	298	102	120	0.1	0.02	7.68	0.5	0	Satisfactory
28	2076/10/09	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	77	26	22	0.1	0.02	5.76	0.6	0	Satisfactory
29	2076/10/09	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.8	47	18	10	0.2	0.02	5.76	0.2	0	Satisfactory
30	2076/10/09	Madhyapur Thim	Bode WTP	Treated	Clear/<5	<5	6.7	358	118	62	0.3	1.6	21.12	0.1	0	Satisfactory
31	2076/10/10	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	71	26	22	0.1	0.02	5.76	0.6	0	Satisfactory
32	2076/10/10	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	8.0	59	24	12	0.2	0.02	5.76	0.2	0	Satisfactory
33	2076/10/10	Madhyapur Thim	Bode WTP	Treated	Clear/5	<5	6.9	399	90	74	0.3	1.6	23.04	0.7	0	Satisfactory
34	2076/10/10	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	309	100	120	0.1	0.02	7.68	0.6	0	Satisfactory
35	2076/10/11	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	52	20	14	0.1	0.02	5.76	0.5	0	Satisfactory
36	2076/10/12	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	76	28	22	0.1	0.02	7.68	0.6	0	Satisfactory
37	2076/10/12	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.6	42	16	10	0.3	0.02	5.76	0.2	0	Satisfactory
38	2076/10/12	Madhyapur Thim	Bode WTP	Treated	Clear/<5	<5	7.1	357	98	54	0.3	1.5	15.36	0.8	0	Satisfactory
39	2076/10/13	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	86	26	12	0.1	0.02	5.76	0.5	0	Satisfactory
40	2076/10/13	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/5	<5	7.6	47	18	14	0.2	0.02	5.76	0.5	0	Satisfactory
41	2076/10/13	Madhyapur Thim	Bode WTP	Treated	Clear/<5	<5	7.2	360	100	50	0.3	1.7	9.6	0.2	0	Satisfactory
42	2076/10/13	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.2	311	100	120	0.1	0.02	7.68	0.1	0	Satisfactory
43	2076/10/14	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.4	72	28	22	0.1	0.02	5.76	0.4	0	Satisfactory
44	2076/10/14	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.6	40	18	12	0.2	0.02	5.76	0.5	0	Satisfactory
45	2076/10/14	Madhyapur Thim	Bode WTP	Treated	Clear/<5	<5	7.2	360	96	52	0.3	1.7	19.2	0.6	0	Satisfactory
46	2076/10/14	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.2	333	108	130	0.1	0.02	9.6	0.8	0	Satisfactory
47	2076/10/15	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	74	26	22	0.1	0.02	5.76	0.6	0	Satisfactory
48	2076/10/15	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.8	52	18	12	0.2	0.02	5.76	0.3	0	Satisfactory
49	2076/10/15	Madhyapur Thim	Bode WTP	Treated	Clear/<5	<5	7.1	295	110	60	0.3	1.6	13.44	0.1	0	Satisfactory
50	2076/10/15	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	320	106	128	0.1	0.02	9.6	0.7	0	Satisfactory
51	2076/10/16	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	80	30	22	0.1	0.02	5.76	0.5	0	Satisfactory
52	2076/10/16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.6	48	16	12	0.3	0.02	7.68	0.6	0	Satisfactory
53	2076/10/16	Madhyapur Thim	Bode WTP	Treated	Clear/<5	<5	6.7	325	88	56	0.3	1.6	19.2	0.3	0	Satisfactory
54	2076/10/17	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	76	26	22	0.1	0.02	5.76	0.5	0	Satisfactory
55	2076/10/17	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.8	46	18	12	0.2	0.02	5.76	0.6	0	Satisfactory
56	2076/10/17	Madhyapur Thim	Bode WTP	Treated	Clear/<5	<5	7.2	355	82	50	0.3	1.6	23.04	0.1	0	Satisfactory
57	2076/10/18	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	54	20	14	0.1	0.02	5.76	0.5	0	Satisfactory
58	2076/10/19	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	76	28	22	0.1	0.02	5.76	0.6	0	Satisfactory
59	2076/10/19	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	57	16	12	0.2	0.02	5.76	0.5	0	Satisfactory
60	2076/10/19	Madhyapur Thim	Bode WTP	Treated	Clear/<5	<5	7.3	410	118	66	0.3	1.5	23.04	0.5	0	Satisfactory
61	2076/10/19	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	315	104	124	0.1	0.02	7.68	0.7	0	Satisfactory
62	2076/10/20	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	74	24	20	0.1	0.02	5.76	0.6	0	Satisfactory
63	2076/10/20	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	42	14	12	0.2	0.02	5.76	0.5	0	Satisfactory
64	2076/10/20	Madhyapur Thim	Bode WTP	Treated	Clear/<5	<5	7.0	374	92	50	0.3	1.6	19.2	0.7	0	Satisfactory
65	2076/10/20	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	310	104	120	0.1	0.02	7.68	0.6	0	Satisfactory

66	2076/10/21	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	70	24	20	0.1	0.02	5.76	0.5	0	Satisfactory
67	2076/10/21	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	51	16	12	0.2	0.02	5.76	0.6	0	Satisfactory
68	2076/10/21	Madhyapur Thim	Bode WTP	Treated	Clear/<5	<5	7.0	330	88	38	0.3	1.8	11.52	0.6	0	Satisfactory
69	2076/10/22	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	74	26	22	0.1	0.02	5.76	0.5	0	Satisfactory
70	2076/10/22	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	42	14	12	0.2	0.02	5.76	0.7	0	Satisfactory
71	2076/10/22	Madhyapur Thim	Bode WTP	Treated	Clear/<5	<5	7.1	349	94	42	0.3	1.7	11.52	0.2	0	Satisfactory
72	2076/10/23	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	68	24	20	0.1	0.02	5.76	0.5	0	Satisfactory
73	2076/10/23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.7	52	14	12	0.2	0.02	7.68	0.5	0	Satisfactory
74	2076/10/23	Madhyapur Thim	Bode WTP	Treated	Clear/<5	<5	7.4	419	96	74	0.3	1.6	28.8	0.8	0	Satisfactory
75	2076/10/23	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	310	100	120	0.1	0.02	7.68	0.6	0	Satisfactory
76	2076/10/24	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	78	28	22	0.1	0.02	5.76	0.5	0	Satisfactory
77	2076/10/24	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	41	14	12	0.3	0.02	5.76	0.5	0	Satisfactory
78	2076/10/24	Madhyapur Thim	Bode WTP	Treated	Clear/<5	<5	7.0	364	84	50	0.3	1.6	15.36	0.1	0	Satisfactory
79	2076/10/24	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.9	321	106	128	0.1	0.02	9.6	0.7	0	Satisfactory
80	2076/10/25	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	79	28	22	0.1	0.02	5.76	0.6	0	Satisfactory
81	2076/10/26	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	81	30	22	0.1	0.02	5.76	0.6	0	Satisfactory
82	2076/10/26	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	38	12	10	0.2	0.02	5.76	0.4	0	Satisfactory
83	2076/10/26	Madhyapur Thim	Bode WTP	Treated	Clear/<5	<5	7.1	358	96	50	0.3	1.7	15.36	0.2	0	Satisfactory
84	2076/10/27	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	84	32	24	0.1	0.02	5.76	0.5	0	Satisfactory
85	2076/10/27	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	41	14	12	0.2	0.02	3.84	0.4	0	Satisfactory
86	2076/10/27	Madhyapur Thim	Bode WTP	Treated	Clear/<5	<5	7.0	330	98	56	0.3	1.6	17.28	0.1	0	Satisfactory
87	2076/10/27	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	315	102	122	0.1	0.02	7.68	0.8	0	Satisfactory
88	2076/10/28	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	77	28	22	0.1	0.02	5.76	0.5	0	Satisfactory
89	2076/10/28	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	39	14	10	0.2	0.02	5.76	0.5	0	Satisfactory
90	2076/10/28	Madhyapur Thim	Bode WTP	Treated	Clear/<5	<5	7.3	414	112	66	0.3	1.8	17.28	0.3	0	Satisfactory
91	2076/10/28	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.2	316	100	122	0.1	0.02	7.68	0.7	0	Satisfactory
92	2076/10/29	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	80	30	22	0.1	0.02	5.76	0.5	0	Satisfactory
93	2076/10/29	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	39	16	10	0.2	0.02	5.76	0.3	0	Satisfactory
94	2076/10/29	Madhyapur Thim	Bode WTP	Treated	Clear/<5	<5	7.1	361	90	56	0.3	1.6	15.36	0.2	0	Satisfactory
95	2076/10/29	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	310	100	122	0.1	0.02	7.68	0.7	0	Satisfactory