

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

S.No	Date	Branch	Location	Sample taken	Turbidity	Colour	P <sup>H</sup>	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					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	2076/11/01	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	78	30	22	0.1	0.02	5.76	0.5	0	Satisfactory
2	2076/11/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.8	55	16	18	0.3	0.02	5.76	0.3	0	Satisfactory
3	2076/11/02	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.2	302	56	60	0.3	1.6	11.52	0.3	0	Satisfactory
4	2076/11/02	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	87	32	24	0.1	0.02	5.76	0.5	0	Satisfactory
5	2076/11/02	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	315	100	126	0.1	0.02	7.68	0.7	0	Satisfactory
6	2076/11/03	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	82	30	22	0.1	0.02	5.76	0.5	0	Satisfactory
7	2076/11/04	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	7.3	46	16	14	0.3	0.02	5.76	0.4	0	Satisfactory
8	2076/11/04	Madhyapur Thimi	Bode WTP	Treated	Clear/5	<5	7.3	308	74	70	0.3	1.6	19.2	0.5	0	Satisfactory
9	2076/11/04	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	86	32	22	0.1	0.02	5.76	0.5	0	Satisfactory
10	2076/11/04	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.2	321	106	128	0.1	0.02	9.6	0.8	0	Satisfactory
11	2076/11/05	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	45	16	14	0.2	0.02	5.76	0.5	0	Satisfactory
12	2076/11/05	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.2	291	64	58	0.3	1.9	15.36	0.4	0	Satisfactory
13	2076/11/05	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	87	32	22	0.1	0.02	5.76	0.5	0	Satisfactory
14	2076/11/06	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9	<5	6.9	41	14	12	0.3	0.02	5.76	0.6	0	Satisfactory
15	2076/11/06	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	262	90	66	0.3	1.6	13.44	0.5	0	Satisfactory
16	2076/11/06	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	76	28	22	0.1	0.02	5.76	0.5	0	Satisfactory
17	2076/11/06	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	311	102	120	0.1	0.02	7.68	0.6	0	Satisfactory
18	2076/11/07	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<9	<5	7.4	47	16	12	0.3	0.02	5.76	0.6	0	Satisfactory
19	2076/11/07	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	269	74	60	0.3	1.6	11.52	0.5	0	Satisfactory
20	2076/11/07	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	84	30	22	0.1	0.02	5.76	0.5	0	Satisfactory
21	2076/11/07	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	315	104	124	0.1	0.02	7.68	0.7	0	Satisfactory
22	2076/11/08	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.8	56	16	18	0.1	0.02	5.76	0.2	0	Satisfactory
23	2076/11/08	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	290	58	60	0.3	1.6	19.2	0.4	0	Satisfactory
24	2076/11/08	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	86	30	24	0.1	0.02	5.76	0.5	0	Satisfactory
25	2076/11/08	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	241	90	112	0.1	0.02	5.76	0.6	0	Satisfactory
26	2076/11/09	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	81	30	22	0.1	0.02	5.76	0.6	0	Satisfactory
27	2076/11/10	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	84	32	22	0.1	0.02	5.76	0.6	0	Satisfactory
28	2076/11/11	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	61	20	18	0.1	0.02	9.6	0.8	0	Satisfactory
29	2076/11/11	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	269	58	54	0.3	1.6	19.2	0.5	0	Satisfactory
30	2076/11/11	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	77	28	22	0.1	0.02	5.76	0.5	0	Satisfactory
31	2076/11/11	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.9	311	102	120	0.1	0.02	7.68	0.8	0	Satisfactory
32	2076/11/12	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	56	18	16	0.1	0.02	5.76	0.4	0	Satisfactory
33	2076/11/12	Madhyapur Thimi	Bode WTP	Treated	Clear/5	<5	7.1	274	68	60	0.3	1.6	13.44	0.3	0	Satisfactory
34	2076/11/12	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	81	30	22	0.1	0.02	5.76	0.5	0	Satisfactory
35	2076/11/12	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	310	102	120	0.1	0.02	7.68	0.6	0	Satisfactory
36	2076/11/13	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	60	22	16	0.1	0.02	7.68	0.3	0	Satisfactory
37	2076/11/13	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.2	255	64	52	0.3	1.6	9.6	0.4	0	Satisfactory
38	2076/11/13	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	87	32	24	0.1	0.02	5.76	0.4	0	Satisfactory
39	2076/11/13	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	320	104	126	0.1	0.02	9.6	0.5	0	Satisfactory
40	2076/11/14	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/6	<5	7.1	54	16	14	0.1	0.02	9.6	0.4	0	Satisfactory
41	2076/11/14	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	263	80	64	0.3	1.7	13.44	0.5	0	Satisfactory
42	2076/11/14	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	84	30	22	0.1	0.02	5.76	0.5	0	Satisfactory
43	2076/11/14	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.2	314	102	124	0.1	0.02	7.68	0.7	0	Satisfactory
44	2076/11/15	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	48	16	14	0.1	0.02	7.68	0.2	0	Satisfactory
45	2076/11/15	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.2	275	84	64	0.3	1.9	19.2	0.5	0	Satisfactory
46	2076/11/15	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	75	28	22	0.1	0.02	5.76	0.5	0	Satisfactory
47	2076/11/16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/5	<5	7.5	68	26	22	0.1	0.02	5.76	0.4	0	Satisfactory
48	2076/11/16	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	260	66	56	0.3	1.9	9.6	0.4	0	Satisfactory
49	2076/11/16	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	78	28	22	0.1	0.02	5.76	0.5	0	Satisfactory
50	2076/11/17	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	84	30	22	0.1	0.02	5.76	0.5	0	Satisfactory
51	2076/11/18	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	46	14	16	0.1	0.02	5.76	0.5	0	Satisfactory
52	2076/11/18	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.2	266	64	60	0.3	1.9	9.6	0.4	0	Satisfactory
53	2076/11/18	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	81	30	22	0.1	0.02	5.76	0.5	0	Satisfactory
54	2076/11/18	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	309	102	120	0.1	0.02	7.68	0.5	0	Satisfactory
55	2076/11/19	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	46	16	14	0.1	0.02	5.76	0.4	0	Satisfactory
56	2076/11/19	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	285	78	64	0.3	1.9	11.52	0.5	0	Satisfactory
57	2076/11/19	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	80	30	22	0.1	0.02	5.76	0.5	0	Satisfactory
58	2076/11/19	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	314	100	122	0.1	0.02	7.68	0.6	0	Satisfactory
59	2076/11/20	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/5	<5	7.6	50	18	14	0.2	0.02	5.76	0.3	0	Satisfactory
60	2076/11/20	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	294	60	64	0.3	1.9	15.36	0.3	0	Satisfactory
61	2076/11/20	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	87	32	24	0.1	0.02	5.76	0.5	0	Satisfactory
62	2076/11/20	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.9	321	104	126	0.1	0.02	9.6	0.5	0	Satisfactory
63	2076/11/21	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	53	18	14	0.1	0.02	7.68	0.8	0	Satisfactory
64	2076/11/21	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	296	62	66	0.3	1.9	13.44	0.4	0	Satisfactory
65	2076/11/21	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	87	30	24	0.1	0.02	5.76	0.5	0	Satisfactory
66	2076/11/22	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	7.8	59	20	16	0.1	0.02	7.68	0.3	0	Satisfactory
67	2076/11/22	Madhyapur Thimi	Bode WTP	Treated	Clear/9	<5	6.9	260	74	48	0.3	1.9	11.52	0.5	0	Satisfactory
68	2076/11/22	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	83	30	24	0.1	0.02	5.76	0.5	0	Satisfactory
69	2076/11/23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	56	18	16	0.1	0.02	9.6	0.8	0	Satisfactory
70	2076/11/23	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.2	287	50	56	0.3	1.9	9.6	0.4	0	Satisfactory
71	2076/11/23	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	89	32	24	0.1	0.02	5.76	0.5	0	Satisfactory
72	2076/11/23	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.8	290	94	114	0.1	0.02	7.68	0.6	0	Satisfactory
73	2076/11/24	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	86	32	22	0.2	0.02	5.76	0.5	0	Satisfactory
74	2076/11/25	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	85	30	30	0.2	0.02	5.76	0.5	0	Satisfactory
75	2076/11/26	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	90	32	24	0.2	0.02	5.76	0.5	0	Satisfactory
76	2076/11/27	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9	<5	7.6	57	18	14	0.3	0.02	7.68	0.2	0	Satisfactory
77	2076/11/27	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.2	283	58	62	0.3	1.8	15.36	0.4	0	Satisfactory
78	2076/11/27	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	98	34	24	0.1	0.02	5.76	0.5	0	Satisfactory
79	2076/11/27	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.9	275	92	112	0.1	0.02	5.76	0.6	0	Satisfactory
80	2076/11/28	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	7.3	52	18	16	0.3	0.02	7.68	0.6	0	Satisfactory
81	2076/11/28	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.3	283	60	60	0.3					